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Viking Lander Imaging Investigation During Extended and Continuation Automatic Missions

Volume I - Lander 1 Picture Catalog of Experiment Data Record

FOR REFERENCE

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Kenneth L. Jones, Mary Henshaw, Christe McMenomy, Andres Robles, Paul C. Scribner, Stephen D. Wall, and Jackson W. Wilson

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Volume I - Lander 1 Picture Catalog of Experiment Data Record

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**Scientific and Technical
Information Branch**

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PREFACE

This publication in two volumes continues the documentation of images obtained by the Mars Viking lander imaging experiment. An earlier publication (NASA RP-1007) documents the images obtained during the initial 4 months (primary mission) of the mission from July 20, 1976, to mid-November 1976. The primary mission phase of the Viking Mission was terminated at the beginning of a 6-week occultation period when Mars passed on the far side of the Sun relative to Earth. During the occultation, radio noise induced by the solar corona made impractical the data transmission from the lander to Earth.

Volume I of this publication documents all images acquired by Viking Lander 1 (VL-1) following the end of the conjunction period in late December 1976 and continuing to mid-February 1979. Images acquired from late December 1976 through May 1979 by Viking Lander 2 (VL-2) are documented in Volume II. The mission phases contained in these two volumes were named the Viking extended mission (VEM), and the Viking continuation automatic mission (VCAM). During these phases, VL-1 acquired 1867 images (compared with 454 during the primary mission), and VL-2 acquired 1521 images (compared with 582). A few of these images (55 from VL-1 and 32 from VL-2), although commanded to the cameras, were not received on Earth for a variety of engineering and logistical reasons.

In the present two volumes, the format of the Primary Mission Catalog (NASA RP-1007) has been followed. They present the results of the procedures that were applied to the imaging data to produce an organized record as complete and as error-free as possible. The resulting set of digital data is called the experiment data record (EDR). These publications also contain reproductions of all images acquired by the Viking landers during the extended and continuation automatic missions. Skyline drawings display the outlines of the images as they appear in the viewing area relative to the structure of the lander. Also included is a computer-generated camera event report that lists supplemental information about the conditions under which the data were collected and how they were recorded and processed. In addition to this comprehensive report, additional computer listings group the images in a variety of ways. Included are several listings that were not part of the Primary Mission Catalog (NASA RP-1007) - images sorted by 10° boxes of solar azimuth and elevation, Phobos and Deimos images, twilight rescan images, and sky brightness images. In several cases, computer listings were augmented to include the primary mission.

A section on terminology is included to assist with the interpretation of the listings and the image interpretation. Several diagrams also provide assistance on this subject. Another section will enable the user to properly decalibrate the data. This publication acquaints the user with the imaging data that are available from the VEM and VCAM and the procedure to obtain photographic products.

A substantial part of the introductory text has been repeated without modification from NASA RP-1007. Although Robert Tucker is not an author of the present volumes, his contribution to their completion is enormous since he devised the format of the original catalog and shared his experience.

A large number of other individuals have made substantial contributions to this report. There are three major groups: the scientists who originally developed the science requirements for the design of the lander camera system and the acquisition of the data, the Lander Imaging Flight Team that, together with these scientists, implemented the mission plan for the lander camera system, and the group that participated specifically in the production of this report material.

The original Viking Lander Imaging Science Team consisting of Thomas A. Mutch, Team Leader; Elliott Levinthal, Deputy Team Leader; Alan B. Binder; Friedrich O. Huck; Sidney Liebes, Jr.; Elliot Morris; James A. Pollack; and Carl Sagan developed the science plans. This list was augmented to include Raymond E. Arvidson as Team Leader during the extended and continuation missions.

The Viking Lander Imaging Flight Team during the extended and continuation missions included the members of the Lander Imaging Science Team, as well as C. Ernest Carlston as resident team leader during the extended mission and Kenneth L. Jones as resident team leader during the continuation mission. The uplinking group within the team consisted of Deborah G. Pidek (lead), Elizabeth F. Buchan, William C. Eggemeyer, Sven U. Grenander, Edward A. Guiness, and Janet Shields. The downlinking group consisted of Kenneth L. Jones (lead), Mary E. Augostine, Joseph D. Gaunder, Linda Myers, Stephen Peters, Michael Rivero, and Stephen D. Wall.

The production of the report materials and the photographic records required the support of the facilities of the Image Processing Laboratory (IPL) at the Jet Propulsion Laboratory, under the direction of William B. Green. Many individuals at IPL contributed to the development of the final experiment data record. David Atwood, Deborah Spurlock, and Carol Stanley, under the direction of Susan K. LaVoie, were responsible for the preparation of the digital data record. Raim J. Quiros and Susan K. LaVoie prepared the EDR photographic data record. Donald J. Lynn, Ray J. Wall, and Arnold A. Schwartz supervised the overall lander imaging data processing at IPL.

Of the authors of the present volumes, Jackson Wilson, Mary Henshaw, and Christe McMenomy produced the computer catalog listings. Andres Robles prepared the photographic layouts, and both he and Paul Scribner prepared the layouts of the skyline drawings and azimuth coverage charts. Stephen Wall prepared the sections on calibration and assisted in final preparation. Kenneth Jones was responsible for the overall content and form of the catalog and for verifying the correctness of the contents of these publications.

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INTRODUCTION

The Viking Mission to Mars consisted of two spacecraft, each comprised of an orbiter and a lander. Each spacecraft was launched by a Titan III/Centaur rocket, the first on August 20, 1975, and the second on September 9, 1975, and placed in orbit around Mars on June 19, 1976, and August 7, 1976, respectively.

Viking Lander 1 separated from its orbiter and touched down on the surface of Mars on July 20, 1976, at 1613 relative to local Mars midnight. The landing site is on the western slopes of Chryse Planitia at 22.483° N and 47.94° W (aerographic coordinates). Viking Lander 1 faces in a southeasterly direction (141.91° clockwise from north as defined by the side of the lander on which the two cameras are mounted). The lander deck is tilted 3° downward in the direction 285.18° clockwise from north.

Viking Lander 2 touched down at 0948 relative to local Mars midnight on September 3, 1976, at a landing site in the Utopia Planitia region at 47.968° N and 225.71° W. It faces in the direction 29.13°. The lander has a tilt of 8.21° downward in the direction 277.7° from north.

The Viking lander imaging investigation used a pair of cameras on each of the two landers to characterize the scene at the two sites. Reference 1 presents a catalog of the images obtained during the initial 4 months of the mission from July 20, 1976, to mid-November 1976. Volume I of this publication presents a catalog of imaging data acquired by Viking Lander 1 between late December 1976 and mid-February 1979. Volume II presents a catalog of imaging data obtained by Viking Lander 2 between late December 1976 and mid-November 1978. Additionally, the computer listings have been augmented to include all images acquired through mid-May 1979. At the end of these periods, Viking Landers 1 and 2 began the Viking survey mission, described in more detail in reference 2. The various mission phases are summarized in table 1.

TABLE 1.- VIKING LANDER MISSION PHASES

Mission phase	VL-1 images	VL-2 images
Primary mission	12A001 to 11B122[a]	22A001 to 21C070[a]
Reduced mission	11B123 to 12B198[a]	
Extended mission	11B199 to 12I039	21C071 to 22H093
Continuation mission	11I040 to 12J017	22H094 to 22I095
Survey mission	12J018 to (b)	22I096 to 22I150[c]

[a]Described in reference 1.

[b]Viking Lander 1 mission will continue until the lander ceases to operate.

[c]Viking Lander 2 ceased transmitting useful imaging data in February 1980.

In addition to the imaging experiment, eight other areas of scientific investigation were supported by the lander: biology, molecular analysis, inorganic chemical analysis, meteorology, seismology, magnetic properties, physical properties, and radio science. Portions of the imaging experiment supported these other investigations.

Once received on Earth, the digital imaging data are used to reconstruct the images. Sometimes, communication strategies result in a set of imaging data being received more than once. Selection and merging operations are performed to develop the most error-free record of the data, which is termed the experiment data record (EDR).

The data are stored on magnetic tape and are converted by means of various recording devices to photographic media. Film negatives are produced and are used to make positive transparencies, positive prints, and microfiche photographic products. These photographic products and magnetic tapes constitute the experiment data record of the Viking lander imaging investigation and are described in this publication.

Also included in this publication are computer-generated camera event reports that list supplemental information about the conditions under which the images were collected and how they were processed and recorded. In addition to skyline drawings that display the outlines of images as they appear in the viewing area, listings are included which group the images in a variety of ways, as by time of day, for example.

ABBREVIATIONS

AZ	azimuth
BB	broadband
bps	bits per second
CACCS	camera-aligned camera coordinate system
CE	camera event
CLR	color
DCS	dark current subtractor
DIGIFAX	digital facsimile printing device
DN	data number
DSN	Deep Space Network
EDR	experiment data record
EL	elevation

FOVLIP	first-order Viking lander image processing
GCMS	gas chromatograph-mass spectrometer
GMT	Greenwich mean time
IPL	Image Processing Laboratory
IPL PIC ID	Image Processing Laboratory picture (photograph) identifier
IR	infrared
ISDR	intermediate system data record
JPL	Jet Propulsion Laboratory
LACCS	lander-aligned camera coordinate system
LACS	lander-aligned coordinate system
LLD/T	local lander day/time
LLT	local lander time
LSEQ	lander sequencing software
MTIS	mission and test imaging system
MTPS	mission and test photographic system
N	north
PDA	power distribution assembly
POS.	positive
PSA	photosensor array
RESTIMG	restore image data
RT	real time
RTG	radioisotope thermoelectric generator
SB	S-band
SDR	system data record
sol	Mars solar day
SUR,SURV	survey

SYS	system
TDR	team data record
TLMP	telemetry processing
TRANS	transparencies
UHF	ultrahigh frequency
UTC	coordinated universal time
VCAM	Viking continuation automatic mission
VEM	Viking extended mission
VICAR	video information classification and retrieval
VIS	visible
VL	Viking lander
VLLOG	Viking lander logging
VMCCC	Viking mission control and computing center
λ	wavelength, μm

IMAGING EXPERIMENT

LANDER CAMERAS

The Viking lander cameras are facsimile type instruments. A mirror, which nods in elevation and rotates in azimuth, sweeps the field of view over an array of 12 selectable photodiodes (ref. 3). The pair of cameras on each lander are mounted 0.813 m apart and view the scene from a nominal height of 1.3 m.

Mechanical and Optical Design

The mirror nods on a horizontal axis which itself pivots on a vertical axis. This scanning mechanism provides for vertical scan lines acquired in the direction from low to high elevation. During the vertical scan, the acquisition of picture elements (pixels) is such that the separation between pixel centers equals the azimuth step size in degrees, either 0.04° or 0.12° depending on the command. This results in a 20.48° vertical field of view for a 0.04° azimuth step size and a 61.44° view at a 0.12° step size. The starting and stopping azimuths can be commanded in increments of 2.5° over a range of 342.5°. The elevation pointing angle (the center of the elevation scan) can be commanded in 10° increments such that the field of view extends from -60° to 40° relative to the plane of the lander. The light that is reflected by the mirror is imaged

by an achromatic triplet lens onto the photosensor array. This lens has an aperture of 9.95 cm and a focal length of 5.37 cm.

Care must be taken in interpreting the images produced by such a camera when the picture elements (pixels) are displayed in a conventional rectilinear coordinate system (as used in the image reconstruction). Straight lines in the original scene are not, in general, reconstructed as straight lines in the resulting image. (The conventional perspective camera preserves straight lines.)

Photosensing and Data Acquisition

Twelve silicon photodiode sensors are command selectable and provide for a selection of spectral response and angular resolution. Interference filters associated with six of the diodes provide for three visual color bands (red, green, and blue) and three near-infrared spectral bands (IR1, IR2, and IR3). These bands have instantaneous fields of view of 0.12°. Four diodes (BB1, BB2, BB3, and BB4) with an instantaneous field of view of 0.04° and nominally associated with the 0.04° step size are placed at different distances from the lens for focus selection (1.9, 2.7, 4.5, and 13.3 m) resulting in an overall depth of field from 1.7 m to ∞. One diode (survey) has no filter and is used for black and white panorama imaging utilizing the 0.12° step size. The Sun diode has a 0.12° instantaneous field of view and a red filter for solar imaging. Figure 1 shows the spectral characteristics of the diodes. The BB (broadband) curve applies to diodes BB1, BB2, BB3, BB4, and survey. Table 2 is a summary of the spatial characteristics of the camera. (See ref. 3.)

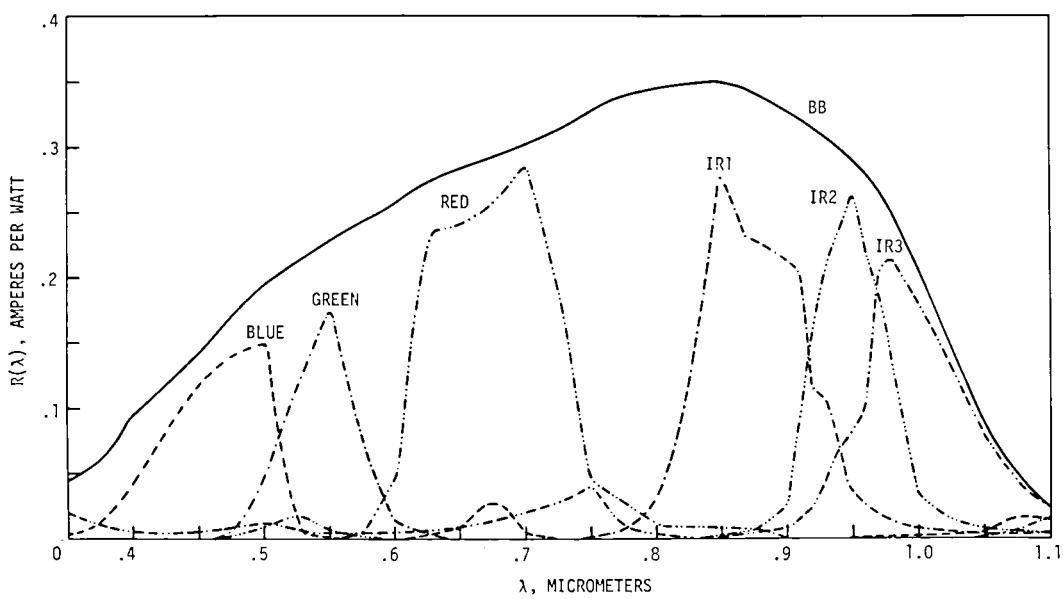


Figure 1.- Spectral response $R(\lambda)$ characteristics of photosensor array.

TABLE 2.- CAMERA CHARACTERISTICS

Characteristic	Survey	Color and IR	High resolution
Instantaneous field of view, deg	0.12	0.12	0.04
Picture element registration error, deg	±0.036	±0.013	±0.006
Absolute angle error:			
Elevation, deg	±0.3	±0.2	±0.2
Azimuth, deg	±0.15	±0.1	±0.1
Frame width:			
Elevation, deg	61.44	61.44	20.48
Azimuth (min; max), deg	2.5; 342.5	2.5; 342.5	2.5; 342.5
Field of view:			
Elevation, deg	100; from 40° above to 60° below horizon in 10° steps		
Azimuth, deg	342.5; in multiples of 2.5° steps		
Geometric depth of field, m	1.7 to ∞	1.7 to ∞	1.7 to ∞
In-focus distance, m	3.7	3.7	1.9, 2.7, 4.5, and 13.3
Picture elements per line	512	512	512
Bits per picture element	6	6	6
Bits per degree azimuth	2.84×10^4	8.53×10^4	8.53×10^4
Time per degree azimuth:			
Rapid scan, sec	1.84	5.52	5.52
Slow scan, min	2.0	6.0	6.0

An internal light source with four selectable intensities permits calibration information to be gathered before and/or after a scene has been imaged. The calibration data have a camera event label associated with them and are treated in the data management system as a separate camera event. There is also a light source external to the camera in the protective post for use in scan verification.

Multispectral imaging (nominal color or infrared) is accomplished by alternately selecting three diodes (either blue, green, red, or IR3, IR2, IR1) for three vertical scans at each azimuthal position with, nominally, a 0.12° step. The data are thus gathered for each diode, or spectral band, in an interleaved fashion. The data management system separates these interleaved images prior to storage in the experiment data record.

The camera electronics provide a 6-bit pixel value for each point scanned. (This value is later changed to 8 bits after receipt on Earth; see section "Pixel Data Records.") However, before the analog-to-digital conversion takes place, a dark current subtraction is made in which a previously acquired dark current from the photosensor is subtracted from the signal current. Although the option exists to inhibit this subtraction, the option was not implemented for any images during the mission (reference to this option has been deleted from the listings of command parameters). The dark current is evaluated every 64 scan lines; therefore, a noticeable vertical banding effect results in images taken at low gain numbers.

The dynamic range of the 6-bit (64 levels) encoding scheme is extended by using 6 commandable linear gains and 32 offsets. The gains and offsets associated with each camera event are listed in the section "VL-1 Camera Event Report." Figure 2 (ref. 3) shows the approximate relationship between the digital pixel values and the photosensor array output voltage for the available gains and offsets. For actual data decalibration, however, the formula in the calibration section should be used.

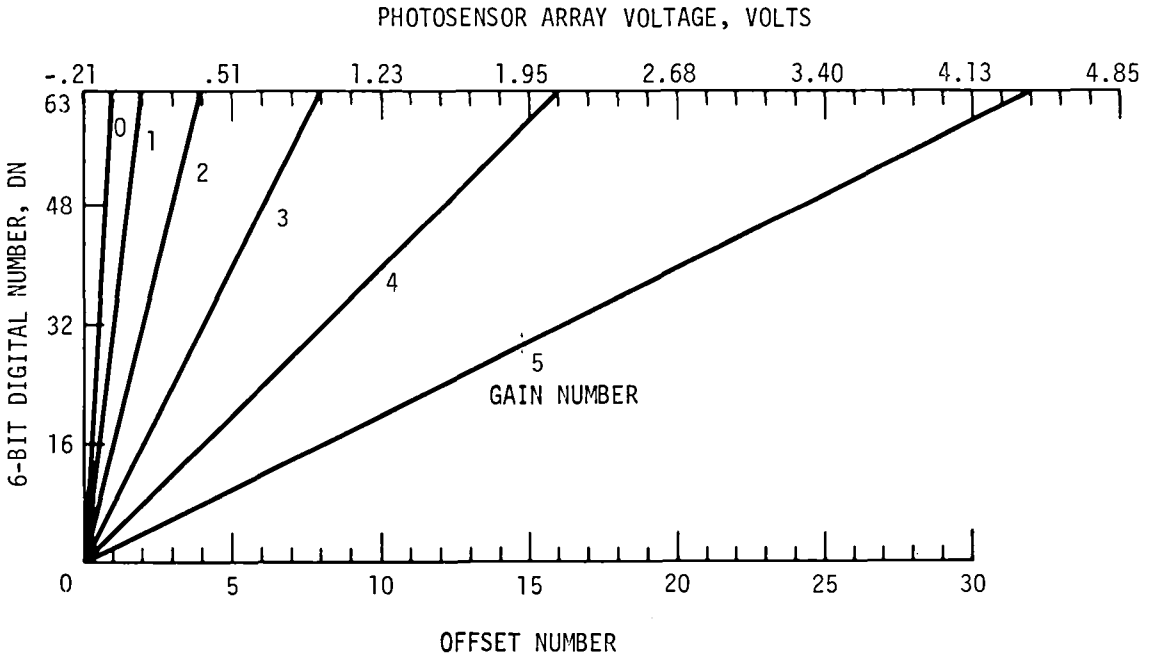


Figure 2.- Camera gains and offsets.

Calibration

Any quantitative use of the Viking lander camera data must involve consideration of the camera calibration. As noted previously, the image products presented are reconstructed with a geometric distortion which must be considered when measurements are taken from them. In addition, geometric calibration data indicate azimuthal "bolt down" and coning errors on the order of 1°. Both geometric and photometric calibration procedures were performed during the development of the camera system. Geometric calibration procedures are given in reference 4. When radiance levels (pixel data numbers) are to be compared between camera events, radiometric decalibration must be performed. The camera sensitivities are a function of both time and temperature and these effects must be decalibrated if the camera events are widely spaced in either of those parameters. However, neither the EDR image data stored on magnetic tape nor those shown in the EDR photographic products and parameter lists have had any

decalibration processing applied to them. Details of the radiometric calibration are described in references 3, 4, and 5. The geometric calibration is still in progress.

Reduction to PSA voltage.- Pixel data numbers, often referred to as "DN's," are generated in the cameras as numbers determined by the radiance received by the camera, the diode/filter/preamplifier combination (channel) selected, and the selected gain and offset. The voltage generated at the output of the photosensor array ("PSA volts") is a more convenient measure of the radiance of each pixel since it is linearly proportional to the radiance received and the proportionality constant is only dependent on channel, time, and PSA temperature. PSA voltage can be calculated as

$$V = \frac{2^g D}{4K_g} + K_{co}(O) + K_o$$

where

V PSA voltage, volts

g commanded gain number (8 bit, as on EDR tapes)

D pixel data number

O commanded offset number

and K_g, K_{co}, and K_o are camera-dependent constants as follows (ref. 3):

Lander	Camera	K_g, DN/V	K_{co}, V	K_o, V
1	1	444.321	0.14410	0.204
1	2	442.135	.14469	.209
2	1	447.634	.14583	.222
2	2	448.111	.14389	.217

PSA voltages calculated in this way can be compared directly if the camera events involved are not separated widely in either time or PSA temperature. If they are, decalibration must be done as described in the following section. Of course, proper consideration must still be given to different spectral regions, changing surface irradiance, and other factors when interpreting the meaning of the decalibrated data.

Compensation for time and temperature differences using internal calibration.- Internal calibration provides a means to test performance of the photosensor array and the associated video processing electronics. As

the name implies, this calibration is entirely internal to the camera and requires no outside illumination. The basic idea of the internal calibration is to measure the response of each diode to a reference radiance source so that changes in diode response can be measured and corrected for in the image data. When the calibrate command is issued, a black flag is placed over the lens to prevent outside light from striking the photosensors. Eleven of the 12 photosensors are then commanded on in sequence, and about 5 lines of data are taken. During this time a small pinlight mounted above the photosensor array is turned on, so that the response of each sensor to both no light and to a controlled source of light is recorded. The Sun diode, channel 4, shows no response to the light.

Calibration sequences have been run for all four cameras during the entire landed mission, and raw data from these are included in the EDR tapes. In addition, the calibration tape (DN0088 for VL-1) contains reduced calibration data as a function of both PSA temperature and time. Data reduction on this tape used the "delta" method. The format for this tape differs slightly from the normal EDR tape format. The tape contains only one VICAR label with records 360 characters in length, each containing five 72-character text lines in extended binary coded decimal interchange code (EBCDIC). This text explains the calibration procedure and gives values for constants A_0, A_1, and τ which can be used in the following equation to decalibrate imagery taken at any sol and temperature:

$$V = VX(A_0 + A_1(T))(\exp(-t/\tau))$$

where

V equivalent camera voltage at sol 0, temperature DN 30

VX actual camera voltage taken at sol t, temperature DN T

T PSA temperature DN

t sol number for lander in question

PSA temperature DN is the 6-bit number returned by the camera to indicate the internal temperature at the photosensor array and is related to the actual temperature in ^{o}C by

$$^{o}C = 2.089DN - 62$$

Contamination Cover Deploy

There are two transparent protective windows in each camera. The outermost window can be deployed on a "one time only" basis by commanding the camera to move to 340° azimuth; thus, a switch is triggered which causes the window to swing aside. These outer windows were included to provide for the possibility that the window might either be sand-blasted or covered by dust. The cover on camera 1, lander 1, was deployed with CE 11F252 on VL-1 sol 470; the cover on camera 2, lander 2, was deployed with CE 22G255 on VL-2 sol 593. The covers on the other two cameras are still in place. Interestingly, there was apparently no dust on either window at the time of its deployment.

DATA TRANSMISSION

Several options exist for transmitting the camera data from Mars to Earth. The two major classifications are recorded imaging and real-time imaging. During recorded imaging, camera data are generally acquired in the 16 000-bps scan rate and recorded on the lander tape recorder. The option exists, however, to acquire the data at the 250-bps scan rate, buffer it in the data storage memory, and then record it at 16 000 bps. In addition to the images in "VL-1 Twilight Rescan Camera Events," frame counts C232 through C240, E066, E117, F033, and F034 were recorded at 250 bps. Recorded data were then transmitted either to the orbiter via the UHF link at the 16 000-bps rate or directly to Earth at 1000, 500, or 250 bps via the S-band link. The data relay from orbiter to Earth has always been selected from an 8000-, 4000-, 2000-, or 1000-bps data rate.

Real-time imaging bypasses the lander tape recorder and is transmitted either directly to Earth via the S-band transmitting system at 250 bps or to an orbiter via the UHF transmitter at 16 000 bps.

It is important to note that the camera commanding procedure for recording imaging is different from that for real-time imaging. A result is that the conditions under which rescanning occurs at the end of a camera event differ. (See Rescan in the section "Camera Event Command Parameters and Lighting Conditions.") There is also the opportunity for blank image lines when the commanded duration of a real-time camera event is shorter than the time required to scan the commanded azimuth range. These blank image lines are added during the ground data handling procedures.

All data returned by the lander are received by the Deep Space Network with tracking stations located in California, Spain, and Australia. The data are then transmitted to the Jet Propulsion Laboratory. More than one tracking station may receive the data and more than one transmission from a station to JPL may occur. Thus, several received versions of a camera event (or a portion of a camera event) may occur in the incoming data record. One of the data management tasks is to merge repeatedly received images to recover the most error-free data record. However, the vast majority of images during the extended and continuation missions did not require merging.

DATA BASE DEVELOPMENT

The development of the real-time data base begins as the imaging data are received at JPL. The telemetry processing software separates the imaging data from the other science data and forwards it to the first-order Viking lander imaging processing system as the system data record. Figure 3 shows the flow of the data in the development of the experiment data record.

The FOVLIP system provides a basic set of image processing and display capabilities which support real-time enhancement of the images and video displays. On-line and off-line hardcopy capability also exists. The system merges information from an "expected images" information list with the incoming data and produces properly identified, annotated, and formatted displays. The capability exists for noise removal, contrast enhancement, and spatial filtering of the displayed images. The FOVLIP data base of unenhanced imaging data is then forwarded on tape to the JPL Image Processing Laboratory. The major function of FOVLIP is the preparation of the final EDR and the reformatting of the tape records and the addition of annotation records.

The image data collected by the tracking stations are replayed at a later time to obtain a better data record, called the intermediate system data record. These data are sent to IPL for computer processing directed toward further recovery of image lines scrambled during transmission. The results of this image restoration process (RESTIMG) are returned to FOVLIP (VMCCC) where they are verified and then merged with the annotation data. This restored data record is subsequently sent to IPL for logging into the VICAR image processing system.

By selecting from these two sets of image data, managed under VICAR, the most complete set of imaging data is collected on a disk-based storage system. In some cases, the selection consists of an entire image from either the original transmission (SDR) or a recall (ISDR). In other cases, camera scan lines from the original version are merged with scan lines from a recall. Cases also exist where the selection process is done at the pixel level. A judgment is made as to the possibility that a particular pixel suffers from a bit error which makes it advisable to select a pixel from a different transmission. No "despiking" operations are applied to arbitrarily assign new values to certain pixels. However, the choice of pixel selection from multiple transmissions is, to some extent, arbitrary. Miscellaneous annotation errors are also corrected at this point in the processing. This disk-resident data base is then used in the production of the experimental data record and a variety of other image processing tasks.

IMAGING EXPERIMENT COORDINATE SYSTEMS, TERMINOLOGY, AND LABELING

This section is intended primarily as a glossary for the parameters listed in the parameter lists and the label information on the images. The material described is common to many of the photographic products. The later sections, which describe these products in greater detail, supplement this glossary.

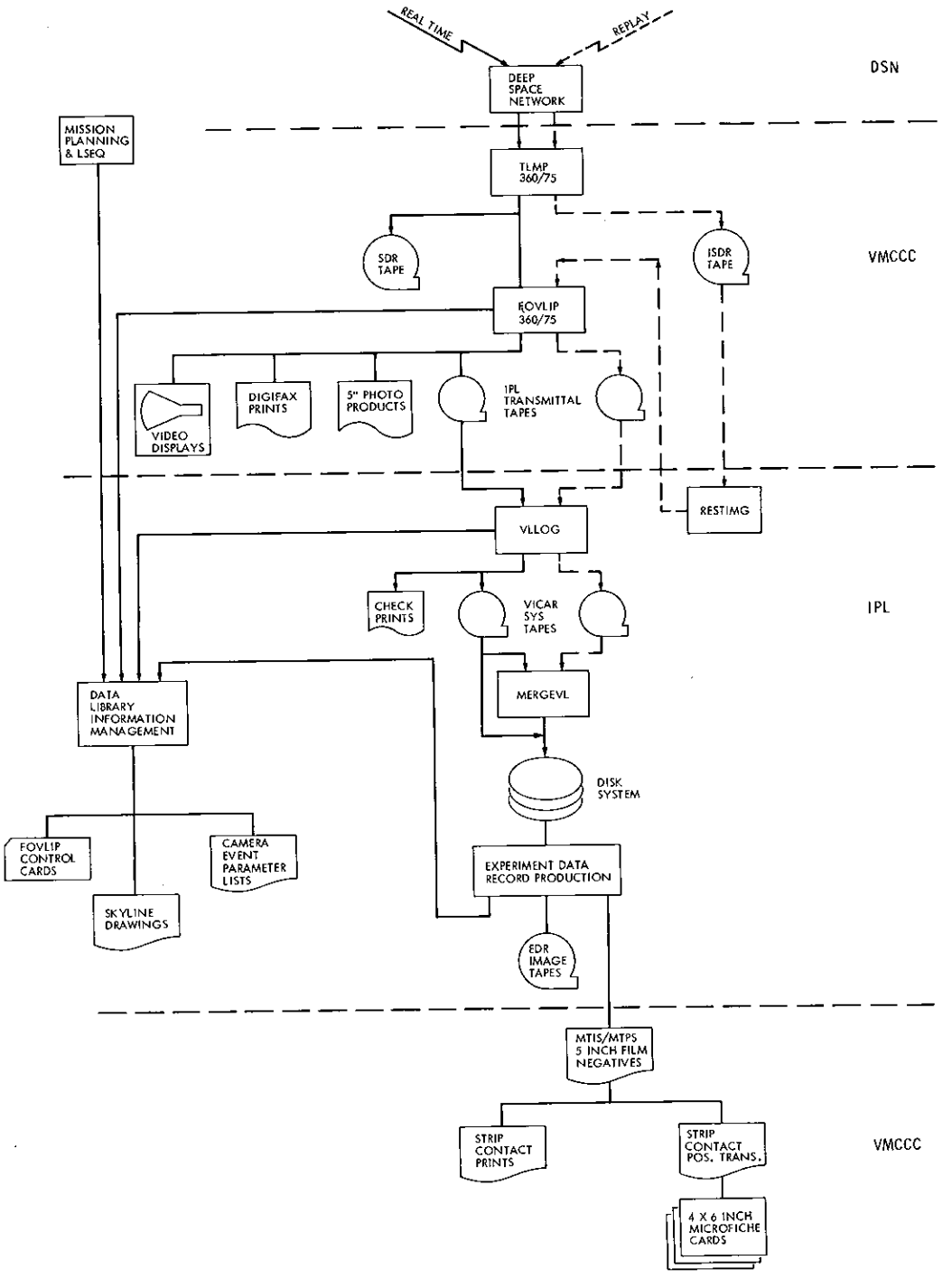


Figure 3.- Imaging data flow. The dashed path indicates the flow of non-real-time data prior to being merged with real-time data. 4 in. = 102 mm; 5 in. = 127 mm; 6 in. = 152 mm.

Coordinate Systems

Camera-aligned camera coordinate system.- The coordinate system primarily used in this publication is the camera-aligned camera coordinate system (CACCS). The origin of this system is at the intersection (nominal) of the rotation axes of the camera mirror. In the CACCS, azimuth angles are measured clockwise (viewed from above) from a vector pointing in the general direction of the other camera. For camera 1 this vector passes in back of camera 2 but for camera 2 it passes slightly in front of camera 1. (See fig. 4(a).) The CACCS is the reference for the start azimuths and stop azimuths presented in the parameter lists. The cameras are commanded by using the CACCS notation. This system is the reference for the notation which appears on the horizontal scale through the center of each camera view in the skyline drawings. The CACCS system is also referenced by the fiducial annotation on the EDR photographic products. However, this fiducial annotation presents two azimuth angles separated by a slash (/). The first references the CACCS, as just discussed; the second references the lander-aligned camera coordinate system as described in the next section.

The camera elevation angle is measured from the direction perpendicular to the azimuth axis of the camera as described in the section "Center elevation."

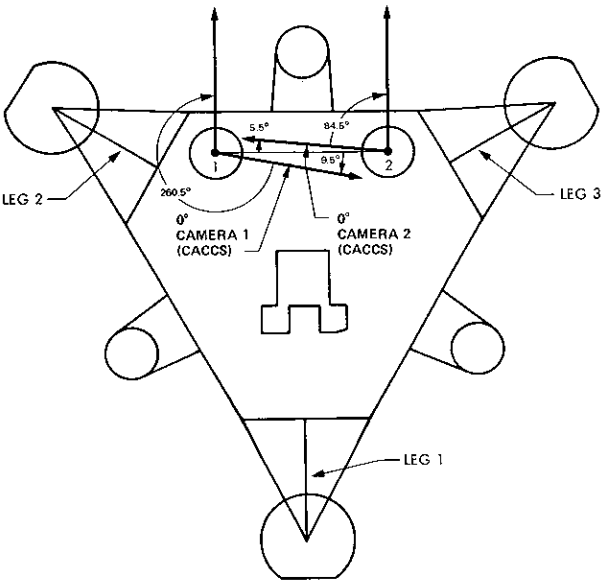
Lander-aligned camera coordinate system.- The lander-aligned camera coordinate system (LACCS) is referenced in only two situations in this publication. The azimuth entries which appear following the slash (/) at the top of the EDR photographic products reference the LACCS as do the azimuth entries which appear at the top and bottom of each camera view on the skyline drawings. In the LACCS system, azimuth angles are measured clockwise (viewed from above) from a vector perpendicular to the inter-camera baseline and directed toward the rear of the lander. (See fig. 4(b).) Its origin is at the intersection (nominal) of the rotation axes of the camera mirror. LACCS derives its name from its similarity to a commonly used general lander coordinate system, the lander-aligned coordinate system (LACS), which has an origin 1.1 m below the center of the top surface of the lander. (See fig. 4(b).)

Lander tilt.- The landers are tilted slightly relative to the local gravity vector. VL-1 is tilted 3° downward in the direction 285.18° clockwise from north. (See fig. 4(c).) VL-2 has a tilt of 8.21° downward in the direction 277.9° from north. (See fig. 4(d).)

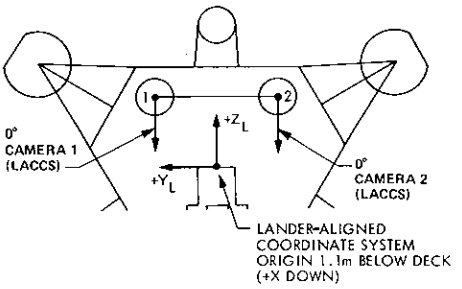
Camera Event Command Parameters and Lighting Conditions

The terms in this section relate to the parameters used to command the cameras and the conditions under which the image data are acquired. Common abbreviations and acronyms are shown in parentheses. These parameters appear in the parameter lists, on the photographic products, and in the magnetic tape label records.

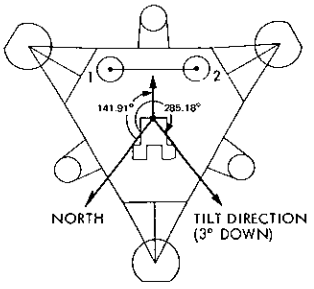
Frame count.- Frame count is a lander-assigned sequence number which increases by 1 for each camera event. Its starting value is 1 and recycles



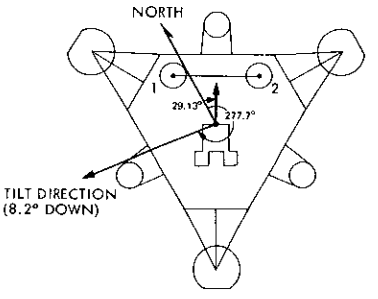
(a) Camera-aligned camera coordinate system.



(b) Lander-aligned camera coordinate system.



(c) Lander 1 orientation.



(d) Lander 2 orientation.

Figure 4.- Camera coordinate systems and orientation of landers.

to 0 after reaching 255. A single letter prefixes this number and increases through the alphabet - the numerical sequence each time reverts to 0 (e.g., A255 goes to B000 and B255 to C000).

Camera event.- Camera event (CE) refers to a single executed camera command which is identified by a frame count. It results in the collection of vertical scan lines of camera data.

Camera event label.- The camera event label is a 10-character identifier used to designate a camera event. The first character (1 or 2) indicates the lander (VL-1 or VL-2), the second character (1 or 2) indicates the camera on the lander, and the next four characters are the frame count. The three digits following the slash (/) are the sol on which the camera event occurred. (See next section.)

Mars solar day.- The Mars solar day (sol) is considered to have a length of 24 hours, 39 minutes, and 35.25 seconds; it is usually abbreviated as sol. Sol 0 is the particular lander's landing day. Sol 0 for VL-1 is July 20, 1976, and sol 0 for VL-2 is September 3, 1976.

Local lander time.- Local lander time (LLT) refers to the time after local midnight at the lander on Mars. Generally, it refers to the beginning of a camera event. It is designated in hours, minutes, and seconds (Earth units) in the format HH:MM:SS and often appears preceded by sol separated by a slash.

Diode.- As described in the section "Lander Cameras" there are 12 photodiodes in the camera. These diodes are generally referred to by name: BB1, BB2, BB3, and BB4 for the high-resolution broadband diodes; SURV or SUR for the low-resolution broadband diode; BLU, GRN, and RED for the visual color diodes; IR1, IR2, and IR3 for the infrared diodes; and SUN for the diode used in Sun imagery. When the diodes are used in triplet mode (nominally BLU, GRN, RED or IR1, IR2, IR3), a /T is generally appended (e.g., BLU/T). Calibration images are identified by "CAL" in this field, sometimes preceded by the first diode used in the calibration and followed by the light source level.

Azimuth start/stop.- The azimuth start and stop entries are the azimuth limits, in degrees, of a camera event. (See "Coordinate Systems.")

Center elevation.- Camera events are commanded by specifying the center elevation (ELEV) pointing angle (EPA) of the resulting image. The direction perpendicular to the camera's azimuth axis of rotation is the 0° reference (negative is below, positive above). This value is sometimes followed by the lower and upper limits of the scan in parentheses. Note that this is the commanded elevation and must be adjusted for nonnominal modes.

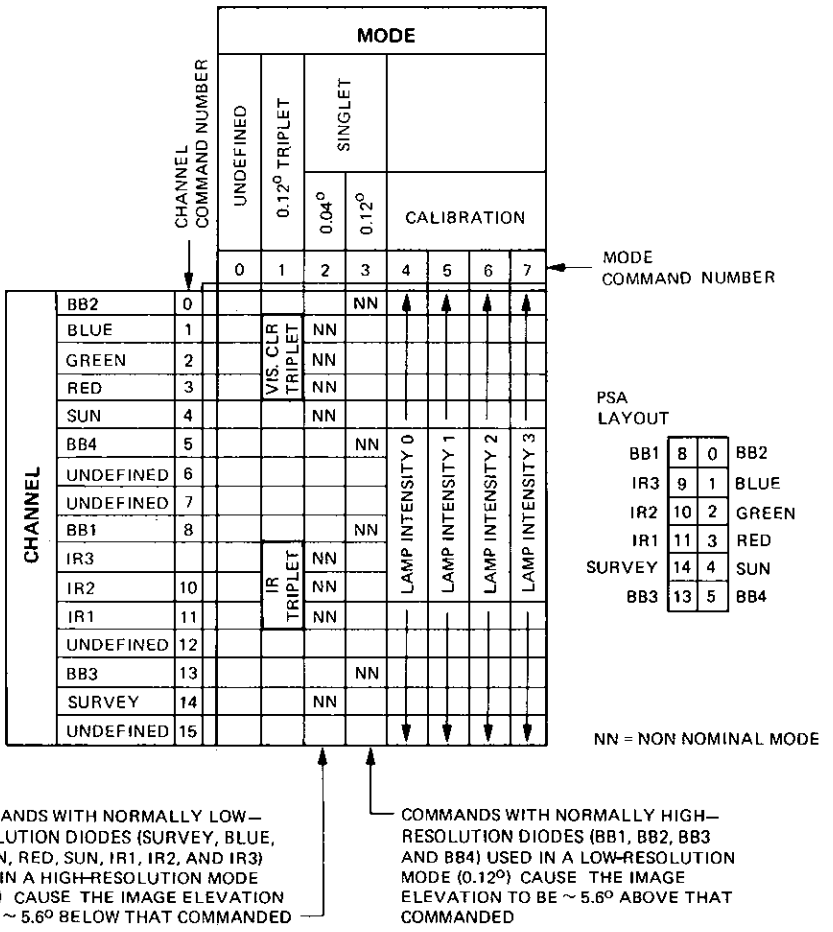
Step size.- The camera step size may be either 0.04° or 0.12° and expresses the angular separation in azimuth between successive scan lines and the angular separation in elevation between successive picture element centers.

Channel.- The channel (CHAN) is the camera parameter which determines the diode used in the camera event. The value range is from 0 to 15 but 6, 7, 12, and 15 are left undefined. (See table 3.)

Mode.- The mode is a camera command parameter which selects the camera scan step size and the choice between a single or triple scan (at each azimuth position). The mode also selects one of four intensity levels of the internal calibration light source. (See table 3.)

Nonnominal modes.- Table 3 displays the diode channels and the camera modes. The term nonnominal mode refers to a mismatch between the step size used in a camera event and the instantaneous field of view of the diode channel selected. (See table 2.) It is important to note that high-resolution diodes (BB1, BB2, BB3, and BB4) used with a step size of 0.12° will cause the elevation of the image to be increased by approximately 5.6°. A low-resolution diode used with a step size of 0.04° will cause the elevation of the image to be decreased by approximately 5.6°.

TABLE 3.- CAMERA CHANNELS AND MODES



The term nonnominal mode is also sometimes used to refer to triplet images other than the normal: BLU, GRN, RED, or IR3, IR2, IR1 scanning.

Offset.- There are 32 available commandable offsets of equal voltage steps that can be applied to the sensed radiometric measurements prior to digitization at the camera. The offsets are identified by the numbers 0 to 31. (See fig. 2.)

Gain.- The six commandable camera gains are designated by the integers 0 to 5 and represent decreasing amounts of gain (by factors of 2) as the numbers increase from 0. (See fig. 2.)

Data path.- Two indicators separated by a slash are used to describe the data transmission path from the cameras to Earth. The first is either REC or RT indicating, respectively, that the data were recorded on the lander for later transmission or transmitted in real time as the camera scanned. The second (UH or SB) indicates whether the data went to the orbiter via the UHF link or directly to Earth via the S-band link.

Scan rate.- The camera has two scan rates: 16 000 bps and 250 bps. The parameter reflects this rate with an entry of 16K or 250.

Photosensor array temperature.- The photosensor array temperature (PSA TEMP) is a value in the range 0 to 63 (DN) which indicates the temperature of the camera's photosensor array. It is expressed in the EDR data as an average over the duration of a CE and may be shown either on a scale of 0 to 63 or converted to degrees Celsius by the following formula:

$$^{o}C = 2.089DN - 62$$

Solar azimuth and elevation.- The azimuth and elevation of the Sun (SOLAR AZ/EL) are expressed in the "local horizon system" wherein the zenith is at 90° elevation and the horizon (perpendicular to the local gravity vector) is at 0° elevation. Azimuth is measured in the clockwise direction (viewed from above) with 0° directed toward the north.

Antisolar azimuth and elevation.- The azimuth and elevation of the antisolar vector (ANTISOLAR AZ/EL) is given in the CACCS which acquired the image referenced. The direction is that of a vector from the Sun through the camera to the surface.

Event time.- The day of year and time of the beginning of a camera event are listed on most photographic product labels. Although labeled as GMT, the value indicated is that of UTC. The elements - day, hour, minute, and second - are in the format DDD/HH:MM:SS. On some photographic products the colons are replaced by periods. The year is not included in the label. However, the years corresponding to the ranges of frame counts for the two landers are

Year	VL-1	VL-2
1976	A001 to B219	A001 to C087
1977	B220 to G166	C088 to F183
1978	G167 to I216	F184 to H244
1979	I217 to J057	H245 to I132
1980	J058 to J105	I133 to I150

Dust.- The capability exists on the camera to direct a discharge of CO_2 across the outer surface of the protective outer window of the camera prior to executing a camera event. This dusting (D) was done several times in the early days of the primary mission.

Rescan.- There are three different conditions which can result in rescan (R) as follows:

(1) Rescan command bit: A rescan command bit can be set for a camera event; this results in the camera rescanning at the stop azimuth for a time (RESCAN.DT) determined by a command stored in the data base of the lander's on-board computer. Such CE's are identified by the appearance of the word RESCAN (or R) in their parameter entries.

(2) RTI camera events: If the event duration listed in the lander's real-time imaging tables is longer than the time required to scan the commanded azimuth range, the extra time is consumed in rescanning of the last azimuth position.

(3) Recorded camera events: For the recorded CE's, rescanning was used in connection with the assignment of an extra time allocation in recorded imagery to allow for the tape recorder run up and reversal. This generally resulted in less than 12 rescan lines. Most photographic products list the first camera scan line which represents a rescan line and the total number of such rescan lines. The total is calculated by subtracting the line number of the first rescan line from the last rescan line and adding one. This step uses the designated line numbers returned with the data. Transmission errors may have reduced the actual amount of data received in some cases.

Data Receipt Parameters

The parameters given in this section relate to the receipt, storage, and film conversion of the imaging data. The parameter data in these categories are separately indicated for each member of a triplet camera event. These parameters appear in the parameter lists, on the photographic products, and in the magnetic tape label records.

Data record.- The final imaging data may come from either the system data record, the intermediate system data record, or a composite (COMP) of the two. An entry is made under data record to reflect this source.

Data link.- Some photographic products list (under data link) the processing stage, or path, of an image during the development of the EDR data base. This is specified as "RAWEDR" for the final EDR versions of the images.

Scan lines.- The total number of vertical scan lines stored in the data system is listed under the heading SCAN LINES or LINES TOTAL. It is determined by dividing the commanded azimuth range by the step size and then adding the total number of rescan lines.

Missing lines and gaps.- Camera scan lines not received due to transmission errors appear as black lines in positive photographic products (Pixel value = 0). The total number of missing lines and the number of image gaps they cause are listed on some photographic products.

Average data number value.- The average data number value (AVE DN VALUE) is the arithmetic mean of the digital value of all received pixels for an image.

Standard deviation.- The standard deviation entry is the standard deviation (STAND DEV) of the distribution of digital values of all received pixels for an image.

EDR tape and file number.- The identification number of the VICAR format magnetic tape containing the EDR data for each image is specified on most photographic products. The data file position is included with it. In some cases EDR tape and file number (EDR TAPE/FILE) identification is referred to as the VICAR tape and file number.

Segment.- Many images have been divided into segments (SEG) to facilitate film conversion. (See section "127-mm (5-in.) Photographic Products.") In certain contexts the entire image may be called a segment, such as for small images not requiring division for film conversion.

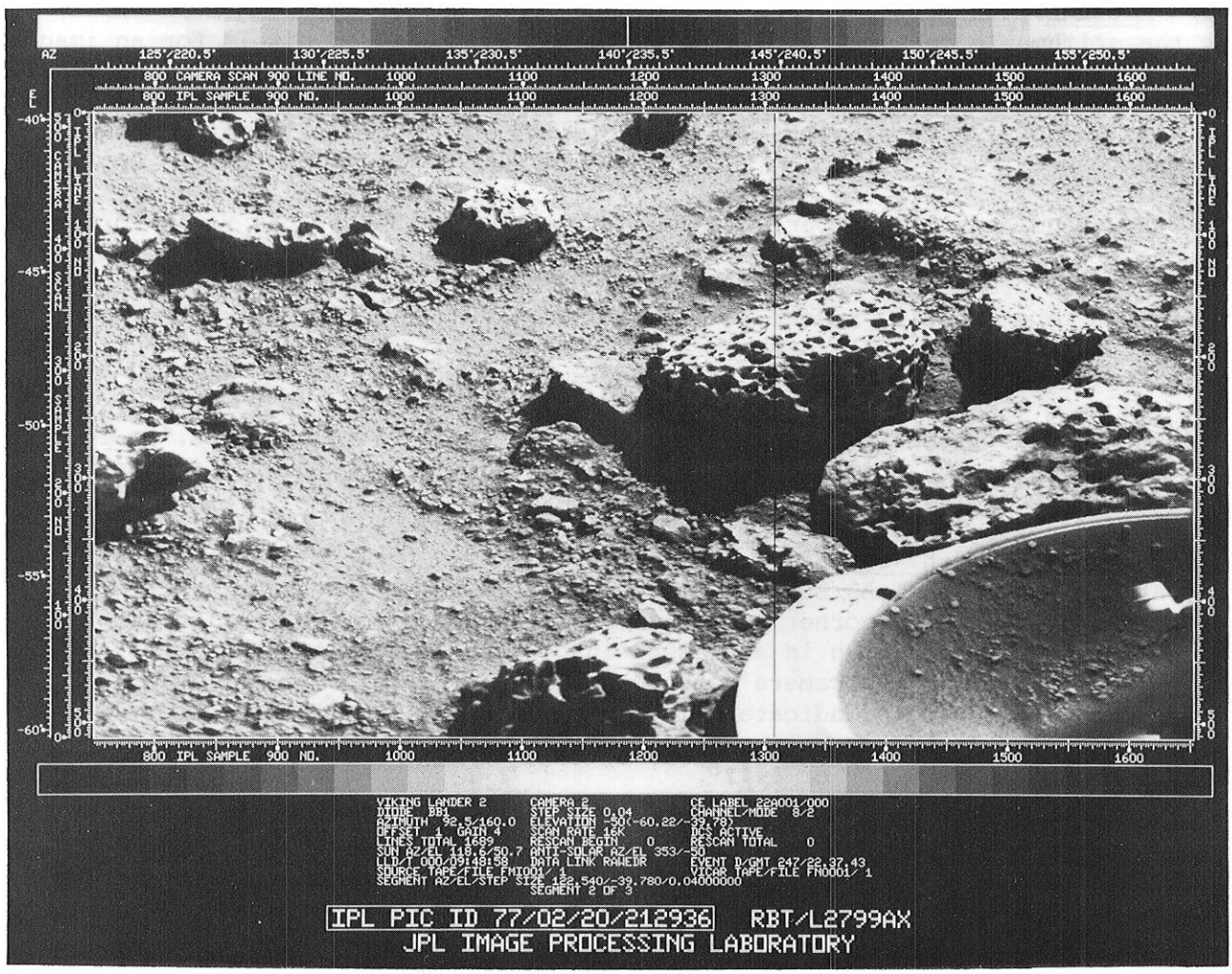
Segment azimuth, elevation, and step size.- The segment azimuth, elevation, and step size (SEGMENT AZ/EL/STEP SIZE) entry indicates the azimuth and elevation of the upper left corner of a segment of an image (or the entire image if unsegmented). The azimuth is expressed in degrees in the CACCS. Elevation is measured relative to the camera's horizontal (perpendicular to the azimuth axis). Negative values indicate below the horizontal; positive, above. This elevation value incorporates the $\pm 5.6^{\circ}$ shift for nonnominal commands. The step size is either 0.04° or 0.12°.

Image Processing Laboratory picture identifier.- The Image Processing Laboratory picture (photograph) identifier (IPL PIC ID) is a 15-character date-related descriptor which uniquely identifies a photographic product processed at the JPL Image Processing Laboratory. It contains four subfields which are separated by slashes: year, month, day of month, and time of day. Where an image has been subdivided to facilitate film conversion each segment has its own IPL PIC ID.

Photographic Product Fiducial Annotation

There are three types of fiducial scales which identify the pixel positions on the EDR photographic products. (See fig. 5.)

The innermost set (closest to the image) is called the IPL line number in the vertical direction and the IPL sample number in the horizontal direction. The scale exists on all four sides of the image. The pixel in the upper left corner (of segment one) has the coordinate 1,1. The IPL line number increases (1 to 512) in the downward direction and the IPL sample number increases from left to right. The fiducial separations denote increments of two.



L-77-312

Figure 5.- EDR photographic product format.

The second (middle) fiducial scale is identified as the camera scan sample number in the vertical direction and the camera scan line number in the horizontal direction. The camera scan sample number has an origin of 0 at the bottom and increases upward to 511 at the top of the image. The camera scan line increases from left to right. The fiducial separation denotes increments of two. This scale only appears at the left side and at the top of the image.

The outermost fiducial scale denotes azimuth in the horizontal direction and elevation in the vertical direction. The elevation is expressed in degrees, where 0° is perpendicular to the camera azimuth axis. The elevation scale on nonnominal mode images is properly adjusted for the vertical displacement associated with such images. Two azimuth identifiers are given for the horizontal scale; the first references the CACCS, the second references the LACCS. (See section "Coordinate Systems.") The two values are separated by a slash (/) and increase from left to right. The fiducial separation is 0.2° on images of 0.04° step size and 0.5° on images of 0.12° step size. This scale appears only at the left side of the image and at the top of the image.

The horizontal scales, IPL sample number and camera scan line number, increase across the photographic product segment boundaries of segmented images. This can be seen in figure 5 which is the second of three picture segments and begins at IPL sample number 752.

EXPERIMENT DATA RECORD PROCESSING AND PHOTOGRAPHIC PRODUCTS

The experiment data record contains all imaging data received from Lander 1 and Lander 2. The data base described in the section "Data Base Development" forms the input to the EDR processing.

The media for the distribution of the EDR are as follows:

127-mm (5-in.) strip contact prints
Magnetic tape
102- by 152-mm (4- by 6-in.) microfiche cards

127-mm (5-in.) PHOTOGRAPHIC PRODUCTS

The EDR images for VL-1 and VL-2 have been transferred from digital data to 127-mm (5-in.) film. Strip contact prints, positive transparencies, and a duplicate negative are made from the original negative. Because of size limitations imposed by the film conversion equipment, many of the images had to be segmented when converted to film.

The photographic products have a maximum of 901 data points in the horizontal direction. Where images are more than 901 pixels wide they are segmented such that there is a minimum of 150 pixels of overlap, and each segment contains a full 901-pixel width. All images are 512 pixels high. Annotation, fiducial marks, and other identifications add to the size of the images.

A segment of size 901 pixels by 512 pixels results in an image area of 99 mm by 56 mm. Such a photographic product has an overall size of 108 mm by 80 mm. The pixel size is 0.11 mm.

The image data are operated upon to provide a contrast-enhanced image which will maximize the use of the grey scale of the photographic products. However, no digital filtering, geometric correction, or radiometric normalization has been applied.

The photographic products were prepared as a series of roll products. Camera events are, without exception, in order by frame count on these rolls, exactly as presented in the EDR image section of this catalog. The National Space Science Data Center currently has negative roll products which correspond to the list in table 4. Some users may prefer to order a complete roll instead of individual photographic products. Requests should be directed to the same address as that given on page 26 and in the Viking Lander Imaging Camera Order Form at the back of this volume.

MAGNETIC TAPE STORAGE

Table 5 lists the data contents of digital tape records for VL-1. Earlier images are included in reference 1. The range of camera event identifiers is listed for each tape. For those camera events that are triplets, the images are stored on tape in blue, green, red, or IR3, IR2, IR1 order. This is the order in which the successive scan lines are acquired. Although the triplet images were acquired in an interleaved manner, they are stored on the tapes as three separate images. The calibration tape, DN0088 for VL-1, has a slightly different format and is discussed in the section "Calibration."

TABLE 4.- VL-1 EDR PHOTOPRODUCT ROLLS

VL-1 roll number	First camera event	Last camera event
1	12A001/000	11A086/012
2	11A087/013	12A177/028
3	12A178/029	12A252/031
4	11A253/032	12B087/040
5	11B088/040	11B198/102
6	11B199/115	11C027/182
7	11C028/182	12C155/232
8	11C156/232	11D004/271
9	11D005/271	12D147/306
10	12D148/306	11E075(IR3)/349
11	11E075(IR2)/349	12E190(GRN)/379
12	12E190(RED)/379	11F032/396
13	12F033/396	12F102/408
14	12F103/408	12F183/435
15	12F184/437	11G075/488
16	11G076/488	12H006/551
17	11H007/552	11H212/619
18	11H213/619	12I089/721
19	12I090/721	11I207/841
20	12I208/849	12J017/921

TABLE 5.- VL-1 EDR TAPE SUMMARY

[Extended and continued mission through February downlink]

Tape number	First camera event	Last camera event	Number of files on tape
DN0024	11B199/115	11B230/166	32
DN0025	12B231/167	12C003/175	31
DN0026	12C004/175	12C028/182	47
DN0027	12C029/182	11C058/192	50
DN0028	11C059/192	11C078/204	44
DN0029	12C079/204	11C098/208	42
DN0030	12C099/209	12C122/211	32
DN0031	11C123/218	12C146/222	32
DN0032	11C147/224	12C176/240	46
DN0033	11C177/240	12C207/259	37
DN0034	11C208/260	11C231/269	32
DN0035	11C232/269	11D004/271	49
DN0036	11D005/271	11D030/280	38
DN0037	11D031/280	11D035/282	05
DN0038	12D036/282	11D058/288	27
DN0039	11D059/288	12D087/295	45
DN0040	12D088/295	12D125/302	40
DN0041	11D126/302	12D152/306	35
DN0042	11D153/307	11D193/321	41
DN0043	12D194/321	12D216/324	41
DN0044	12D217/324	11D249/328	59
DN0045	11D250/328	11E029/342	56
DN0046	12E030/342	12E048/343	33
DN0047	12E049/343	12E076/350	48
DN0048	11E077/350	11E110/360	34
DN0049	12E111/362	12E129/367	35
DN0050	12E130/367	11E131/367	04
DN0051	11E132/367	12E163/372	54
DN0052	12E164/372	12E189/379	46
DN0053	12E190/379	11E219/386	44
DN0054	12E220/386	11E243/390	46
DN0055	11E244/390	12F009/391	60
DN0056	12F010/391	12F040/396	45
DN0057	11F041/396	11F050/399	18
DN0058	11F051/399	12F072/403	36
DN0059	12F073/403	12F106/408	44
DN0060	11F107/408	12F144/426	50
DN0061	11F145/427	11F174/433	56
DN0062	12F175/433	12F203/441	45
DN0063	11F204/441	11F246/470	53
DN0064	11F247/470	11G009/470	31
DN0065	11G010/470	11G034/474	59
DN0066	11G035/474	11G076/488	54
DN0067	11G077/488	11G116/506	48
DN0068	11G117/506	12G150/511	54
DN0069	12G151/511	11G187/526	55
DN0070	11G188/526	11G226/542	53
DN0071	11G227/542	11G252/550	44
DN0072	12G253/550	11H025/558	58
DN0073	11H026/558	11H068/579	51
DN0074	11H069/579	11H114/595	48
DN0075	11H115/595	11H160/611	46
DN0076	11H161/611	11H183/611	59
DN0077	11H184/611	11H212/619	39
DN0078	11H213/619	11I003/651	51
DN0079	11I004/652	11I040/656	45
DN0080	11I041/660	12I073/693	47
DN0081	11I074/697	11I106/730	47
DN0082	11I107/734	12I137/764	45
DN0083	12I138/764	12I165/801	38
DN0084	12I166/801	12I193/836	36
DN0085	11I194/838	11I230/897	43
DN0086	11I231/901	11J013/921	49
DN0087	11J014/921	12J017/921	18
DN0088	Radiometric calibration data for VL-1		

Label Records

The magnetic-tape label records are a series of records at the beginning of each image file on magnetic tape which contain parameter information for the associated image. The length, in characters, of the physical label records is equal to the number of pixels in a horizontal image line or 360, whichever is greater. Each physical label record can be thought of as five logical records of 72 characters with the remaining character positions blank when the image size is greater than 360. Each logical record represents one line of text data as shown in figure 6. The number of lines of label information is variable. If an image is the result of a merging operation, this is indicated by the entry "MERGEVL" on a separate text line. If any image has vertical scan lines missing, the gaps are noted in the following manner: The notation "MISSING LINE GAPS (FIRST-LAST)" appears followed by up to three number pairs indicating the extent of the gaps. (See top part of fig. 6.) If more than three gaps

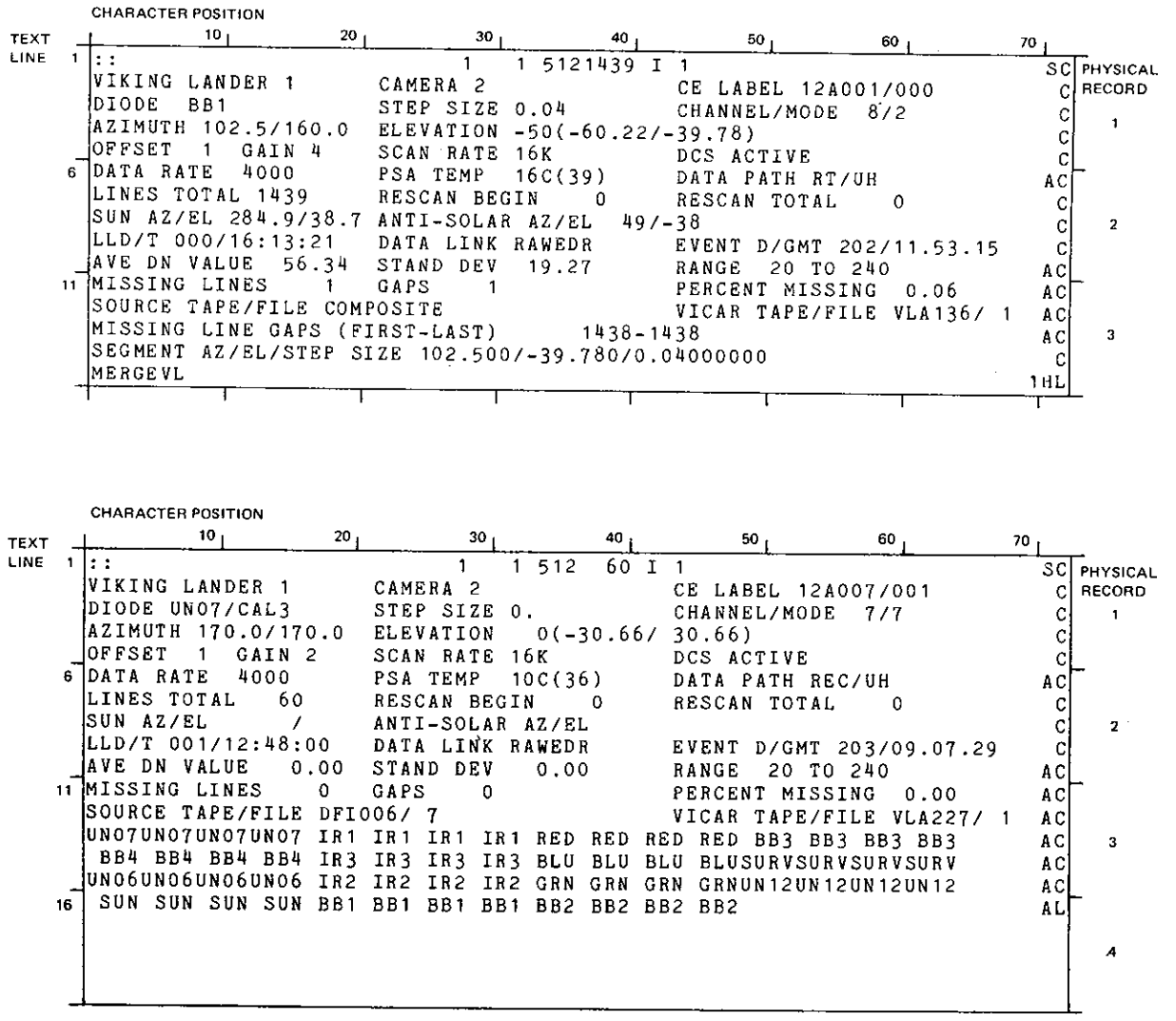


Figure 6.- VICAR label format.

exist the additional number pairs are indicated on subsequent text lines (6 pairs per text line). Calibration images list the diode used in each calibration scan as seen in the bottom part of figure 6. Where the number of label lines is not a multiple of five, the extra logical record positions are left blank. Note that the last character position (72) in each line contains a C (Continuation) for all lines except the final line which contains an L. Some lines contain the characters S, A, or H in position 71. These lines do not appear in the picture format seen on the 127-mm (5-in.) photographic products and microfiche.

The first line shown in the top part of figure 6 is flagged with an S in character position 71. It is called the VICAR system label and contains the vertical size (in pixels) of the image (512) in character positions 33 to 36, and the horizontal size of the image in positions 37 to 40. The I 1 appearing in positions 42 and 44, respectively, indicates that the data are single byte (8 bits) integer data. All characters are represented in the extended binary coded decimal interchange code (EBCDIC).

Pixel Data Records

The length of the image records is equal to the number of pixels in a horizontal image line. The image data have been changed from a 6-bit format to an 8-bit format by shifting the bits of each pixel two binary positions to the left and zero-filling the two rightmost bit positions. No operations have been applied to the tape data such as contrast enhancement, geometric correction, or radiometric correction.

MICROFICHE

All EDR images are distributed on 102- by 152-mm (4- by 6-in.) microfiche cards. Each card is capable of holding 60 image segments. The card contains 5 rows of 12 windows each. The segments of an image are positioned such that all its members appear together on a row. Thus, there may be unused window locations at the right end of the rows. The microfiche are produced by reducing the linear dimension of the image on a duplicate positive by a factor of about 10. The resulting image is about 11 mm wide by 8 mm high. This is placed in the upper half of an 11- by 16-mm window on the microfiche.

Microfiche viewing equipment commonly provides for magnification factors of 17, 21, or 24 resulting in an image about twice the size of the original strip contact photographic product.

LABELING

Most elements of the labels on EDR products are described in the section "Imaging Experiment Coordinate Systems, Terminology, and Labeling." One additional field exists, the source tape and file. It indicates where the corresponding SDR or ISDR data are stored. This data record is not distributed. The

field contains the word COMPOSITE when two data sources were merged to produce an EDR image. (See the section "Data Base Development.")

PHOTOGRAPHIC PRODUCT PROCUREMENT

The EDR photographic products are available from the National Space Science Data Center, Code 601.4, Goddard Space Flight Center, Greenbelt, Maryland 20771. An order form is included at the back of this volume.

The primary identifier for the requisition of these photographic products is the Image Processing Laboratory picture identification. This identification and the project name (VIKING) must be supplied when placing orders. The section "Selection of Camera Event Parameter Lists" describes the listings in the EDR which cross-references the camera event labels to IPL PIC ID's. Additional descriptive material may be helpful in indicating the item requested, such as the camera event label and the specification "Viking Lander EDR."

TEAM DATA RECORD

In addition to the VL-1 experiment data record that appears in the last main section of this report as the complete and primary record of the data, a team data record of 127-mm (5-in.) photographic products also exists. (See ref. 4.) The TDR consists of those camera events from the EDR thought to be of most general interest. It excludes such things as specialized photometric series, calibration and scan verification events, and the Sun imagery. The processing parameters for the camera events in the TDR have been individually chosen to create photographic products of the highest scientific quality. For a given camera event, the TDR is, in general, segmented differently from the EDR. Therefore there is not a one-to-one correspondence in the scene coverage for the respective photographic products.

SELECTION OF CAMERA EVENT PARAMETER LISTS

The computer-generated CE parameter lists described in this section provide a detailed description of the conditions under which the camera event data were acquired, the completeness of the receipt of the data on Earth, and their storage location on photographic products and magnetic tape.

The data fields are primarily those described in the section "Imaging Experiment Coordinate Systems, Terminology, and Labeling." There is a comprehensive parameter list for each lander and a selection of other lists which present only a limited amount of information but divide the camera events into a variety of classes and sequences. All camera events appear in camera-event order except those described in (14) and (15) in subset lists and IPL picture identifiers.

CAMERA EVENT REPORTS

The camera event reports are comprehensive presentations of the parameters for the camera events. The reports are presented with multiple-line item entries for each camera event, blocked in a manner to maximize readability. The primary line for each CE describes the time the camera event was executed, the camera command information, and the lighting conditions. This is followed by either one line (for singlets) or three lines (for triplets) of information about the image data stored for the CE. This line (or lines) is identified by the diode and indicates the number of data lines in the image, the completeness of it, pixel statistics, and information about its storage on magnetic tape and photographic products. The diode indicator is followed by an asterisk if the image has been used in the generation of the TDR. These parameters are followed by a short narrative description indicating the mission goal of the CE or its scene content, or both. The comments represent "scratch pad" type of entries and are not intended as a complete guide to the image contents. Comments attached to the early camera events generally characterize the landing sites.

SUBSET LISTS

There are 15 parameter subset lists which separate the camera events by diode, local lander time of the CE's, or other special classifications. These subsets are as follows:

(1) The "VL-1 camera events not received" subset lists those camera events which were lost because of a variety of engineering and logistical reasons (i.e., no tracking station available). These camera events have been removed from all other subset listings as well as from the skyline drawings and azimuthal coverage charts.

(2) The "high-resolution camera events in event order" subset contains all broadband diode (BB1, BB2, BB3, BB4) CE's taken at the normal 0.04° step size.

(3) The "survey camera events" subset contains all CE's which were acquired by using the survey diode at 0.12° step size.

(4) The "Sun imagery camera events" subset identifies all images acquired by using the Sun diode. Note that this subset contains both nominal (0.12° step size) and nonnominal (0.04° step size) images. Most Sun imagery is done by using nonnominal commands. The entire mission is contained in this report.

(5) The "Calibration and scan verification camera events" subset contains all calibration mode camera events and all scan verification camera events (BB1 at 0.12° step size) as described in the section "Photosensing and Data Acquisition." The list is divided into camera 1 and camera 2. The entire mission is included in this report.

(6) The "visual color triplet and infrared camera events" subset shows all CE's acquired by using the three visual color diodes (RED, GRN, BLU) in triplet scan mode. Additional visual color images are contained in (7).

(7) The "twilight rescan camera events" subset contains visual color images acquired at low data rate in a rescan mode. They are not included in the color list in (6) or in the rescan list in (11).

(8) The "visual color and infrared singlet camera events" subset identifies all CE's acquired using any of the six diodes - RED, GRN, BLU, IR3, IR2, IR1 - in singlet mode (MODE = 3) with a step size of 0.12° or 0.04° (nonnominal). Additional singlet images were specifically targeted on the two Martian satellities, Phobos and Deimos. These are included in (10). VL-2 acquired no images of these satellites.

(9) The "blue sky brightness camera events" subset contains blue singlet images acquired specifically for studying the concentrations of suspended aerosols in the Martian atmosphere. Any other image which contains the sky can, of course, be used for the same purpose.

(10) The "moon images" subset contains those images specifically targeted for Phobos and Deimos. Deimos was found to be too faint to be detectable with the camera system. Phobos was unintentionally photographed in image 11H193 and is included in this list. The transit of the shadow of Phobos over the VL-1 site was recorded in the rescan mode in images 11F119, 12F125, and 12F136.

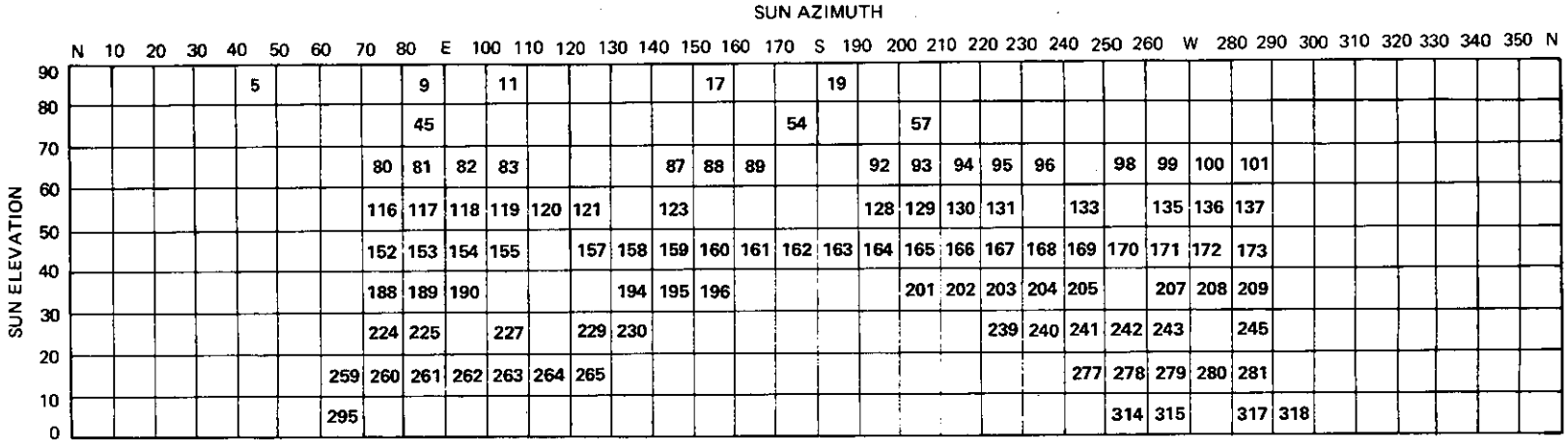
(11) The "other rescan camera events" subset contains those CE's which have 25 lines or more of rescan. The list does not include the camera events in (7).

(12) The "low data rate camera events" subset contains those CE's acquired as the camera scanned at 250 bps (instead of the more frequently used 16 000 bps). This list includes the entire mission but does not include the CE's listed in (7).

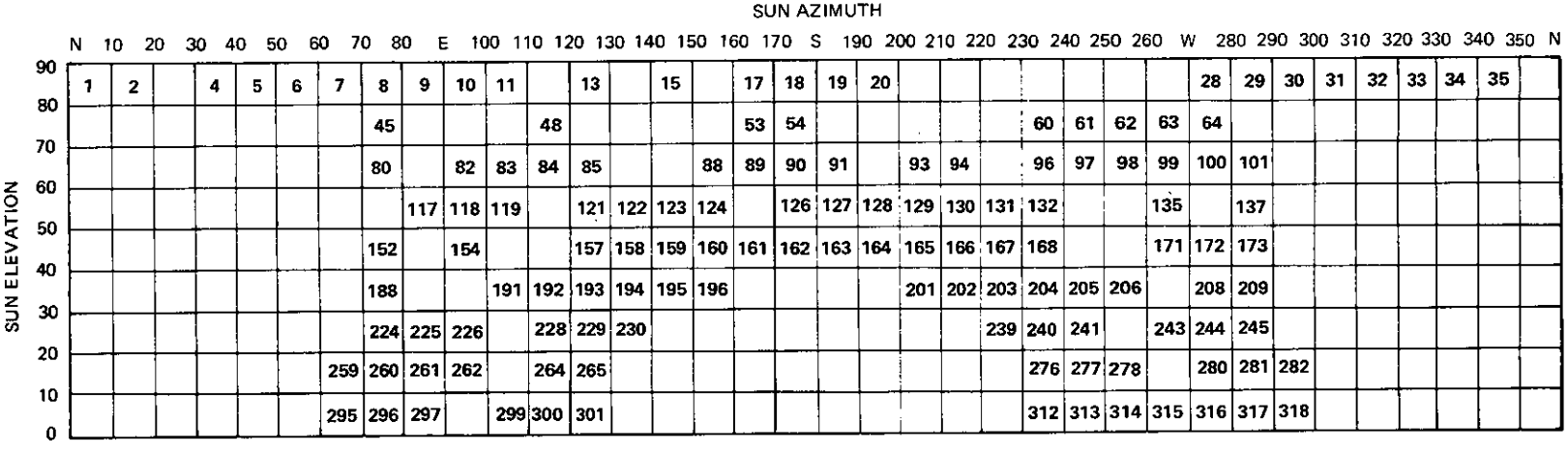
(13) The "night camera events" subset includes any event during which the Sun elevation was less than 0.5°. This list includes the CE's in (10).

(14) The "high-resolution camera events sorted by 10° boxes of Sun AZ/EL" subset is not included in reference 1. This list enables the user to rapidly locate images acquired under the same lighting geometries and is useful both for studying changes in the surface and for locating stereoscopic pairs. The entire mission is included in this report. (See also the section "VL-1 "Repro" Images.") Figure 7(a) is a summary of the distribution of the 10° boxes. The numbers in the boxes in figure 7(a) correspond to the box numbers in the "high-resolution camera events sorted by Sun AZ/EL" listing.

(15) The "color, IR, and survey camera events sorted by 10° boxes of Sun AZ/EL" subset is the same as (14) except that the list includes color triplets, IR triplets, and survey camera events. Figure 7(b) is a summary of the distribution of the 10° boxes. The numbers in the boxes in figure 7(b) correspond to the box numbers in the "visual color triplet, IR triplet, and survey camera events sorted by Sun AZ/EL" listing.



(a) VL-1 high resolution CE's.



(b) VL-1 color, IR and survey CE's.

Figure 7.- Distribution of 10° boxes of Sun AZ/EL.

VL-1 "REPRO" IMAGES

The Viking lander cameras acquired a substantial number of imaging pairs for which the solar illumination geometry and, thus, the shadowing and phase illumination geometry, are nearly the same. Acquisition of such imaging pairs was possible twice each Mars year when the Sun passed through the same declination as seen from the surface. The times of day of two repro images acquired exactly one Mars year apart are the same; for those repro pairs acquired at other than one Mars year spacings, the times of day are different. A solar ephemeris was used to find the proper times when repro images should be obtained. The VL-1 repro imaging pairs are presented in the following table:

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
11F132/422	15:41:27	BLU	205.0	235.0	-30	0.12	1	4	288.9	46.4
11C071/197	14:09:59	CLR	205.0	270.0	-30	.12	1	3	228.7	46.4
12F181/435	08:45:59	BB4	40.0	82.5	-10	.04	1	3	103.5	17.1
12C042/183	07:09:59	BB4	40.0	65.0	-10	.04	1	3	102.2	16.1
12F184/437	08:38:46	BB2	30.0	37.5	-20	.04	1	3	102.4	15.8
12C044/183	07:16:59	BB2	32.5	60.0	-20	.04	1	3	103.0	17.6
11F193/440	16:09:40	BB3	297.5	307.5	-20	.04	1	4	240.1	43.2
11C033/182	14:41:00	BB3	297.5	307.5	-20	.04	1	4	239.8	43.1
12F203/441	14:26:09	CLR	80.0	150.0	-30	.12	1	4	209.4	60.1
12C019/179	12:59:59	CLR	80.0	150.0	-30	.12	1	3	210.6	60.2
11F204/441	15:44:15	BB1	225.0	237.5	-40	.04	1	4	234.9	48.1
11C010/177	14:14:58	BB1	225.0	240.0	-40	.04	1	4	235.6	48.8
11F208/442	16:04:30	BB3	145.0	160.0	-20	.04	1	4	239.7	44.4
11C032/182	14:39:00	BB3	147.5	155.0	-20	.04	1	4	239.4	43.5
11F230/464	18:50:34	BB4	85.0	92.5	0	.04	1	3	267.0	9.5
11B222/164	17:29:59	BB4	75.0	92.5	0	.04	1	4	266.1	8.9
12G041/475	14:52:28	BB1	285.0	290.0	-20	.04	1	4	232.6	60.6
12B208/151	13:34:59	BB1	285.0	290.0	-20	.04	1	4	232.3	60.5
12G042/475	15:27:27	BB2	20.0	30.0	-30	.04	1	4	242.5	54.0
12B209/151	14:09:59	BB2	20.0	30.0	-30	.04	1	4	242.1	53.9
11G043/475	15:32:27	BB2	290.0	300.0	-30	.04	1	4	243.6	52.9
11B210/151	14:14:59	BB2	290.0	300.0	-30	.04	1	4	243.3	52.9
12G127/510	07:59:48	BB3	20.0	37.5	-10	.04	1	3	86.3	18.1
12B203/118	06:59:59	BB3	20.0	37.5	-10	.04	1	3	86.1	18.4
11H066/578	07:23:42	BB3	155.0	185.0	-10	.04	1	4	75.0	18.7
11B149/065	06:57:39	BB3	155.0	185.0	-10	.04	1	4	76.2	19.0
11H079/582	06:54:56	BB3	300.0	335.0	-10	.04	1	3	72.5	12.8
11B129/050	06:30:00	BB3	300.0	335.0	-10	.04	1	3	72.1	13.1

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
11H080/582	07:25:46	BB3	185.0	215.0	-10	0.04	1	3	74.8	19.5
11B130/051	06:59:29	BB3	185.0	215.0	-10	.04	1	3	74.4	19.4
11H083/583	17:52:28	BB3	155.0	185.0	-10	.04	1	4	285.1	20.1
11B139/054	17:27:59	BB3	155.0	185.0	-10	.04	1	4	285.0	19.9
12H103/592	17:46:25	BB3	75.0	85.0	-10	.04	1	3	285.7	21.1
12B096/040	17:16:59	BB3	12.5	102.5	-10	.04	1	3	285.6	23.2
12H134/596	17:55:46	BB3	267.5	305.0	-10	.04	1	3	286.8	19.0
12B112/041	17:37:59	BB3	267.5	310.0	-10	.04	1	3	286.9	18.6
11H137/597	17:54:58	BB4	90.0	155.0	0	.04	1	3	286.9	19.1
11B098/040	17:36:59	BB4	90.0	155.0	0	.04	1	3	286.9	18.9
11H138/597	18:01:53	BB3	35.0	60.0	-10	.04	1	3	287.4	17.7
11B099/040	17:43:59	BB3	35.0	65.0	-10	.04	1	3	287.4	17.4
12H141/600	08:06:14	BB4	285.0	300.0	0	.04	1	4	76.0	29.8
12B063/038	07:47:00	BB4	285.0	335.0	0	.04	1	4	76.1	29.7
11H142/600	14:49:55	BB3	40.0	62.5	-10	.04	1	4	276.8	59.8
11B073/039	14:31:41	BB3	30.0	90.0	-10	.04	1	4	276.4	59.8
11H143/600	15:14:23	BB4	270.0	295.0	0	.04	1	4	277.9	54.3
11B037/034	14:55:57	BB4	247.5	307.5	0	.04	1	4	278.3	54.6
11H145/601	15:12:52	BB4	250.0	270.0	0	.04	1	4	278.0	54.6
11B037/034	14:55:57	BB4	247.5	307.5	0	.04	1	4	278.3	54.6
12H149/604	14:45:24	BB4	285.0	305.0	-10	.04	1	4	277.3	60.6
12B016/033	14:27:15	BB3	260.0	320.0	-10	.04	1	4	277.2	61.0
12H152/606	15:18:59	BB1	147.5	157.5	-50	.04	1	4	279.0	53.0
12B017/033	15:03:00	BB1	142.5	202.5	-50	.04	1	4	278.8	53.0
12H153/607	15:19:39	BB1	160.0	167.5	-50	.04	1	4	279.2	52.9
12B017/033	15:03:00	BB1	142.5	202.5	-50	.04	1	4	278.8	53.0
11H154/607	15:25:26	BB4	140.0	155.0	-10	.04	1	4	279.4	51.6
11A251/031	15:09:23	BB4	127.5	187.5	-10	.04	1	4	279.3	51.7
11H158/609	14:55:18	BB4	127.5	140.0	0	.04	1	4	278.4	58.2
11A250/031	14:38:28	BB4	100.0	160.0	0	.04	1	4	278.0	58.6
11H159/609	15:26:36	BB4	155.0	170.0	-10	.04	1	4	279.7	51.2
11A251/031	15:09:23	BB4	127.5	187.5	-10	.04	1	4	279.3	51.7
11H160/611	07:37:54	BB4	80.0	100.0	0	.04	1	4	73.5	24.5
11A154/027	07:20:00	BB4	30.0	100.0	0	.04	1	4	73.4	24.6
11H161/611	07:52:32	BB4	252.5	280.0	0	.04	1	4	74.4	27.7
11A156/027	07:34:00	BB4	195.0	290.0	0	.04	1	4	74.3	27.6
12H195/615	11:54:41	CLR	285.0	290.0	-20	.12	1	4	79.2	81.4
12A167/028	11:41:41	CLR	285.0	290.0	-20	.12	1	4	81.8	81.6
12H196/615	11:59:18	CLR	75.0	135.0	-30	.12	1	4	78.5	82.2
12A168/028	11:43:41	CLR	57.5	145.0	-30	.12	1	4	81.5	82.1
12H197/615	12:12:04	IR	285.0	290.0	-20	.12	1	4	72.6	85.3
12A169/028	11:58:41	IR	285.0	290.0	-20	.12	1	4	77.2	85.4
12H198/615	12:15:48	IR	75.0	135.0	-30	.12	1	4	69.3	86.0
12A170/028	12:00:41	IR	57.5	145.0	-30	.12	1	4	76.0	85.8

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
12H201/616	08:13:46	BB4	182.5	217.5	0	0.04	1	4	75.3	32.6
12A116/020	07:53:59	BB4	90.0	217.5	0	.04	1	4	74.9	31.9
11H202/616	15:13:11	BB4	170.0	200.0	-10	.04	1	4	280.0	53.9
11A143/025	14:59:39	BB4	155.0	202.5	-10	.04	1	4	279.5	53.6
11H203/616	15:42:57	BB2	157.5	187.5	-30	.04	1	4	281.2	47.3
11A144/025	15:30:27	BB2	155.0	210.0	-30	.04	1	4	281.0	46.8
12H205/618	07:40:53	BB3	155.0	182.5	-10	.04	1	4	73.3	25.6
12A107/018	07:30:00	BB3	155.0	207.5	-10	.04	1	4	74.8	26.7
12H206/618	08:21:03	BB4	227.5	285.0	0	.04	1	4	75.6	34.3
12A125/021	08:09:59	BB4	227.5	290.0	0	.04	1	4	75.9	35.4
11H207/618	15:23:42	BB3	202.5	230.0	-10	.04	1	4	280.6	51.5
11A127/021	15:12:30	BB3	202.5	335.0	-10	.04	1	4	280.6	50.9
12H208/618	15:32:06	BB3	75.0	117.5	-10	.04	1	4	280.9	49.6
12A119/020	15:14:51	BB3	5.0	137.5	-10	.04	1	4	280.8	50.4
11H212/619	07:30:40	BB3	40.0	60.0	-10	.04	1	4	72.6	23.4
11A111/019	07:20:00	BB3	40.0	60.0	-10	.04	1	4	72.7	24.6
11H214/619	07:46:44	BB3	215.0	252.5	-10	.04	1	4	73.6	26.9
11A097/014	07:30:00	BB3	132.5	252.5	-10	.04	1	4	73.0	26.6
11H215/619	08:20:56	BB4	100.0	155.0	0	.04	1	4	75.6	34.3
11A129/022	08:10:00	BB4	100.0	195.0	0	.04	1	4	76.0	35.4
11H228/624	14:32:10	BB4	260.0	255.0	0	.04	1	4	279.6	62.7
11A066/008	14:23:59	BB4	260.0	275.0	0	.04	1	4	280.0	62.1
11H229/625	14:35:15	BB3	272.5	300.0	-20	.04	1	4	279.8	61.9
11A017/003	14:28:00	BB3	272.5	300.0	-20	.04	1	4	280.4	61.5
11H231/627	12:11:18	CLR	197.5	217.5	-30	.12	1	4	63.7	85.4
11A040/006	12:00:00	CLR	197.5	275.0	-30	.12	1	4	64.7	85.3
11H240/641	15:36:55	BB4	230.0	250.0	-10	.04	1	4	282.6	47.7
11A077/011	15:26:46	BB4	180.0	260.0	-10	.04	1	4	281.9	48.2
11I020/652	11:55:36	CLR	217.5	237.5	-30	.12	1	4	67.7	82.9
11A040/006	12:00:00	CLR	197.5	275.0	-30	.12	1	4	64.7	85.3
12I021/652	12:43:46	CLR	147.5	175.0	-30	.12	1	4	302.1	85.1
12A071/010	12:39:00	CLR	147.5	187.5	-20	.12	1	4	292.1	85.1
12I022/652	12:47:42	CLR	95.0	115.0	-20	.12	1	5	297.6	84.3
12A006/001	12:41:59	CLR	80.0	147.5	-20	.12	1	5	299.0	84.4
12I036/652	07:24:08	BB4	65.0	127.5	-10	.04	1	4	71.6	23.6
12A010/002	07:18:00	BB4	65.0	155.0	-10	.04	1	4	71.7	23.7
11I037/653	08:33:22	BB2	210.0	250.0	-30	.04	1	4	75.3	38.6
11A078/012	08:24:59	BB2	150.0	250.0	-30	.04	1	4	76.0	38.4
11I038/653	08:38:14	BB1	182.5	200.0	-50	.04	1	4	75.5	39.6
11A079/012	08:34:59	BB1	182.5	235.0	-50	.04	1	4	76.5	40.6
12I039/653	16:21:13	SURV	10.0	310.0	-10	.12	1	4	284.8	37.6
12A002/000	16:19:04	SURV	10.0	310.0	-10	.12	1	4	285.2	37.0
12J003/921	08:54:58	BB1	147.5	157.5	-50	.04	1	2	127.6	25.8
12E062/347	09:59:59	BB1	137.5	167.5	-50	.04	1	2	130.0	25.2

CE LABEL	LLT	DIODE	AZ START	AZ STOP	EPA	STEP	OFFSET	GAIN	SUN AZ	SUN EL
12J005/921	11:14:58	CLR	280.0	310.0	-20	0.12	1	4	159.3	45.0
12C163/239	11:10:00	CLR	280.0	315.0	-20	.12	1	4	158.5	47.4
11J006/921	12:34:58	CLR	205.0	265.0	-30	.12	1	4	185.6	47.4
11D128/301	13:00:00	CLR	155.0	280.0	-30	.12	1	4	182.7	42.9
11J009/921	14:24:59	BB4	150.0	170.0	-10	.04	1	2	217.6	38.0
11C210/260	14:29:59	BB4	150.0	170.0	-10	.04	1	2	216.9	37.0
11J010/921	14:27:19	BB4	150.0	170.0	-10	.04	5	2	218.2	37.7
11C211/260	14:34:59	BB4	150.0	170.0	-10	.04	5	2	218.0	36.3
11J011/921	14:29:39	BB4	140.0	170.0	-10	.04	9	2	218.7	37.4
11C212/260	14:39:59	BB4	150.0	170.0	-10	.04	9	2	219.1	35.6
12J012/921	15:04:59	BB4	75.0	107.5	-10	.04	1	3	226.0	32.0
12C184/246	14:59:59	BB4	70.0	115.0	0	.04	1	3	226.6	33.1

IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

The lists of IPL picture (photograph) identifiers show the identification numbers for the experiment data record picture segments. These numbers are those to be used when requesting EDR photographic products from the National Space Science Data Center.

The photographic products for each diode image of triplet camera events are separately identified. Several IPL PIC ID's are listed for those images which have been segmented to facilitate film conversion.

ELEVATION COVERAGE CHARTS

The elevation coverage charts show the azimuth extent of camera events which have commanded vertical scans passing through 10° intervals of elevation. The elevation subgroups (-60° to -50°, -50° to -40°, . . . , 0° to 10°) appear in low to high elevation order. There are separate charts for each camera. The entries are in camera-event order within each subgroup. Each entry lists the CE label, the LLT, and the diode type. The azimuth is shown in the CACCS system with the fiducial annotation appearing as it does on the CACCS scale of the skyline drawings. (See next section.)

SKYLINE DRAWINGS

The skyline drawings show image outlines on a rectilinear grid whose horizontal axis represents the azimuth of the camera scanning system and the vertical axis represents the elevation. The lander components are shown as they appear viewed from each camera.

The azimuth values indicated through the center of each camera view reference the CACCS. Azimuth values appearing above and below each camera view reference the LACCS. It is important to note that these coordinate systems reference the camera axes of rotation which are tilted relative to the local gravity vector. (See figs. 4(c) and 4(d).) The N located at the top edge of each camera view indicates the direction of north for the 0° elevation position.

The diagram presented in figure 8 provides another view of the lander components which appear in the skyline drawings. Figure 8 shows the surface sampler boom in an extended position rather than the stored position (with the protective shroud in place) as seen in the skyline drawings. The S-band high-gain antenna shown in figure 8 is also oriented differently from that in the skyline drawings.

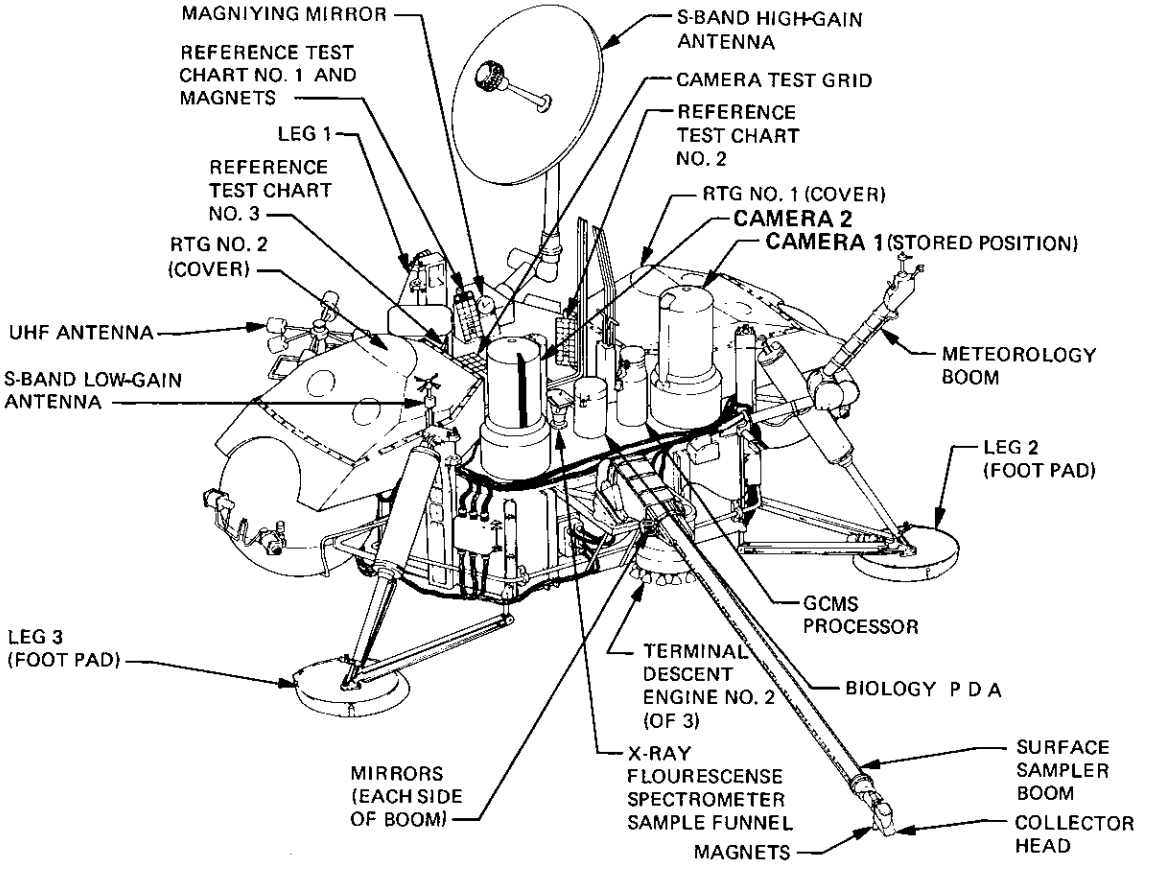


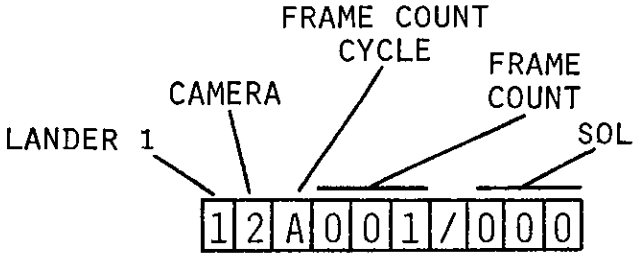
Figure 8.- Major lander components.

VIKING LANDER 1 EXPERIMENT DATA RECORD

This section contains the parameter lists, the skyline drawings, and the images for Viking Lander 1.

VL-1 PARAMETER LISTS

The organization of the VL-1 parameter lists which appear in this section is described in the section "Selection of Camera Event Parameter Lists," and each parameter has been explained previously. In all lists, the parameter entries for each camera event are preceded by the camera event label. The format of this label is shown in figure 9.



VL-1 SOL 000 = JULY 20, 1976

Figure 9.- Format of VL-1 camera event label.

PARAMETER LISTS

CAMERA EVENT REPORT

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11B199/115	09:05:00	SINGLE	210.0/230.0	-30	.04	0/2	1	4	REC/UH	16K	-4	97.7/46.6	36/-43	320/08:37:28	01:47.9	
		BB2	ISDR 503	501	2	0	0		83.97	31.61		DN0024/01	1			
		COMPOSITE														
12B200/115	16:59:59	SINGLE	215.0/217.5	30	.04	4/2	1	3	REC/UH	16K	14	273.5/20.9	35/-23	320/16:32:27	00:14.6	
		SUN	ISDR 65	64	1	0	0		24.80	7.81		DN0024/02	1			
		PM SUN DIODE														
12B201/115	17:52:31	SINGLE	220.0/222.5	20	.04	4/2	1	2	REC/UH	16K	12	278.1/ 9.1	40/-12	320/17:24:59	00:14.6	
		SUN	ISDR 65	64	1	0	0		31.04	.86		DN0024/03	1			
		PM SUN DIODE														
11B202/117	06:59:58	SINGLE	187.5/215.0	-10	.04	13/2	1	3	REC/UH	16K	-13	85.9/18.4	24/-15	322/07:51:37	02:27.9	
		BB3	ISDR 689	689	1	1	1		101.16	34.83		DN0024/04	1			
		COMPOSITE														
12B203/118	06:59:59	SINGLE	20.0/ 37.5	-10	.04	13/2	1	3	REC/UH	16K	-12	86.1/18.4	209/-15	323/08:31:13	01:34.6	
		BB3	ISDR 141	0	0	298	1		91.22	30.87		DN0024/05	1			
		COMPOSITE														
12B204/131	17:05:08	SINGLE	212.5/215.0	30	.04	4/2	1	3	REC/UH	16K	-12	270.8/18.0	33/-20	337/03:11:00	00:14.6	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0024/06	1			
		PM SUN DIODE														
12B205/131	17:33:08	SINGLE	215.0/217.5	20	.04	4/2	1	2	REC/UH	16K	12	273.3/11.7	35/-14	337/03:39:00	00:14.6	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0024/07	1			
		SUN DIODE														
12B206/150	06:59:59	SINGLE	27.5/ 37.5	-40	.04	8/2	1	4	REC/UH	16K	-13	93.4/16.8	216/-13	356/05:38:01	00:54.6	
		BB1	ISDR 256	251	5	0	0		48.16	24.73		DN0024/08	1			
		HI-RES COMPOSITE														
12B207/151	06:59:59	SINGLE	160.0/167.5	-50	.04	8/2	1	4	REC/UH	16K	-13	93.7/16.7	216/-13	357/06:17:36	00:41.2	
		BB1	ISDR 184	189	5	10	1		69.29	31.19		DN0024/09	1			
		FOOTPAD #3														
12B208/151	13:34:59	SINGLE	285.0/290.0	-20	.04	8/2	1	4	REC/UH	16K	12	232.3/60.5	350/-62	357/12:52:36	00:29.2	
		BB1	ISDR 136	126	10	0	0		119.87	46.62		DN0024/10	1			
		REFERENCE TEST CHART														
12B209/151	14:09:59	SINGLE	20.0/ 30.0	-30	.04	0/2	1	4	REC/UH	16K	14	242.1/53.9	1/-56	357/13:27:36	00:55.8	
		BB2	ISDR 261	251	10	0	0		143.92	41.03		DN0024/11	1			
		TRENCH														
11B210/151	14:14:59	SINGLE	290.0/300.0	-30	.04	0/2	1	4	REC/UH	16K	12	243.3/52.9	179/-55	357/13:32:36	00:55.8	
		BB2	ISDR 261	251	10	0	0		104.26	32.12		DN0024/12	1			
		TRENCH														

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12B211/155	16:44:01	SINGLE	205.0/207.5	30	.04	4/2	1	3	REC/UH	16K		263.6/20.1	25/-22	361/18:39:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		42.33	50.70		DN0024/13	1			
		PM SUN DIODE														
12B212/155	17:31:59	SINGLE	210.0/212.5	20	.04	4/2	1	3	REC/UH	16K	12	268.3/ 9.4	30/-12	361/19:27:57	00:15.8	
		SUN	ISDR 75	64	11	0	0		51.75	60.68		DN0024/14	1			
		PM SUN DIODE														
12B213/156	06:59:59	SINGLE	295.0/305.0	-30	.04	8/2	1	4	REC/UH	16K	-13	94.8/16.3	217/-13	362/09:35:32	00:55.8	
		BB1	ISDR 261	251	10	0	0		25.05	10.58		DN0024/15	1			
		LANDER TOP AND GRID														
11B214/157	06:24:49	SINGLE	210.0/212.5	10	.04	4/2	1	2	REC/UH	16K	-13	91.7/ 8.4	30/ -5	363/09:39:58	00:15.8	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0024/16	1			
		AM SUN DIODE														
12B215/157	06:59:58	SINGLE	205.0/215.0	-10	.04	13/2	1	4	REC/UH	16K	12	95.1/16.3	217/-13	363/10:15:07	00:55.8	
		BB3	ISDR 258	376	7	0	0		107.30	29.06		DN0024/17	1			
		COMPOSITE														
11B216/157	07:13:58	SINGLE	215.0/217.5	20	.04	4/2	1	3	REC/UH	16K	12	96.5/19.4	35/-16	363/10:29:07	00:15.8	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0024/18	1			
		AM SUN DIODE														
11B217/157	07:14:14	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	12	96.4/19.4	35/-16	363/10:29:23	00:18.0	
		CAL	ISDR 84	376	7	0	0		107.30	29.06		DN0024/19	1			
		CALIBRATION FRAME														
12B218/158	17:30:00	SINGLE	105.0/140.0	0	.04	5/2	1	4	REC/UH	16K	10	267.4/ 9.5	29/-12	364/21:24:44	03:09.1	
		BB4	ISDR 885	876	9	0	0		54.18	23.79		DN0024/20	1			
		COMPOSITE														
11B219/159	06:59:59	SINGLE	277.5/295.0	-50	.04	8/2	1	4	REC/UH	16K	-13	95.5/16.1	34/-13	365/11:34:18	01:35.8	
		BB1	ISDR 446	439	7	0	0		35.01	13.59		DN0024/21	1			
		COMPOSITE														
11B220/163	17:29:59	SINGLE	235.0/335.0	0	.04	5/2	1	4	REC/UH	16K	10	266.3/ 9.0	204/-11	004/00:42:39	08:55.8	
		BB4	ISDR 2506	2501	7	2	2		42.37	14.14		DN0024/22	4			
		COMPOSITE														
11B221/163	17:40:59	SINGLE	197.5/205.0	-30	.04	13/2	1	4	REC/UH	16K	10	267.4/ 6.5	205/ -9	004/00:53:39	00:42.5	
		BB3	ISDR 200	189	11	0	0		27.40	20.12		DN0024/23	1			
		COMPOSITE														
11B222/164	17:29:59	SINGLE	75.0/ 92.5	0	.04	5/2	1	4	REC/UH	16K	10	266.1/ 8.9	204/-11	005/01:22:14	01:35.8	
		BB4	ISDR 448	439	9	0	0		46.38	23.50		DN0024/24	1			
		COMPOSITE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11B223/164	17:34:59	SINGLE	150.0/235.0	0	.04	5/2	1	4	REC/UH	16K	10	266.6/ 7.7	205/-10	005/01:27:14	07:35.8	
		BB4	ISDR 2130	2126	5	1	1		36.80	8.30		DN0024/25	3			
		COMPOSITE														
11B224/165	06:59:58	SINGLE	305.0/315.0	-50	.04	8/2	1	4	REC/UH	16K	-13	97.0/15.6	35/-12	005/15:31:49	00:55.8	
		BB1	ISDR 259	251	8	0	0		34.61	12.59		DN0024/26	1			
		COMPOSITE														
11B225/165	07:04:58	SINGLE	285.0/315.0	-20	.04	13/2	1	4	REC/UH	16K	-12	97.5/16.7	36/-13	005/15:36:49	02:42.5	
		BB3	ISDR 759	751	8	0	0		50.97	24.97		DN0024/27	1			
		COMPOSITE														
11B226/165	07:09:58	SINGLE	247.5/272.5	-30	.04	13/2	1	4	REC/UH	16K	-12	98.0/17.8	36/-14	005/15:41:49	02:15.8	
		BB3	ISDR 639	626	13	0	0		40.11	12.55		DN0024/28	1			
		COMPOSITE														
12B227/165	16:59:59	SINGLE	7.5/ 90.0	0	.04	5/2	1	4	REC/UH	16K	12	263.0/15.5	25/-18	006/01:31:49	07:22.5	
		BB4	ISDR 2070	2064	7	1	1		77.27	20.27		DN0024/29	3			
		COMPOSITE														
12B228/165	17:09:59	SINGLE	100.0/115.0	-10	.04	13/2	1	4	REC/UH	16K	14	264.0/13.2	26/-16	006/01:41:49	01:22.5	
		BB3	ISDR 381	376	5	0	0		36.81	10.31		DN0024/30	1			
		COMPOSITE														
12B229/165	17:19:59	SINGLE	7.5/ 75.0	0	.04	5/2	1	4	REC/UH	16K	10	264.9/11.0	203/-13	006/01:51:49	06:02.5	
		BB4	ISDR 1695	1689	7	1	1		52.86	50.88		DN0024/31	3			
		COMPOSITE														
12B230/166	17:30:00	SINGLE	217.5/317.5	-30	.04	0/2	1	2	REC/UH	16K	10	265.7/ 8.6	204/-11	007/02:41:25	08:55.8	
		BB2	ISDR 2491	2501	5	15	3		79.71	17.48		DN0024/32	4			
		COMPOSITE														
12B231/167	17:30:00	SINGLE	287.5/332.5	0	.04	5/2	1	2	REC/UH	16K	10	265.4/ 8.5	27/-11	008/03:21:01	04:02.5	
		BB4	ISDR 1134	1126	8	0	0		143.40	51.57		DN0025/01	2			
		COMPOSITE														
12B232/167	17:34:03	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	10	265.8/ 7.6	28/-10	008/03:25:04	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0025/02	1			
		CALIBRATION FRAME														
12B233/168	13:34:59	SINGLE	285.0/290.0	-20	.04	8/2	1	4	REC/UH	16K	12	227.0/57.4	345/-58	009/00:05:35	00:29.2	
		BB1	ISDR 144	126	18	0	0		121.78	46.73		DN0025/03	1			
		REFERENCE TEST CHART														
12B234/168	17:19:59	SINGLE	7.5/ 77.5	-30	.04	0/2	1	2	REC/UH	16K	12	264.3/10.7	26/-13	009/03:50:35	06:15.8	
		BB2	ISDR 1756	1751	7	2	2		109.53	21.88		DN0025/04	3			
		COMPOSITE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12B235/168	17:29:59	SINGLE	115.0/195.0	-30	.04	0/2	1	2	REC/UH	16K	12	265.2/ 8.4	27/-11	009/04:00:35	07:09.1	
		BB2	ISDR 1999	0	0	2	2		70.41	13.48		DN0025/05	3			
		COMPOSITE														
12B236/168	17:39:23	SINGLE	207.5/210.0	10	.04	4/2	1	2	REC/UH	16K	14	266.1/ 6.3	28/ -9	009/04:09:59	00:15.8	
		SUN	ISDR 68	64	5	1	1		31.00	1.24		DN0025/06	1			
		PM SUN DIODE														
11B237/169	06:21:59	SINGLE	212.5/215.0	10	.04	4/2	1	1	REC/UH	16K	-13	94.2/ 6.7	32/ -3	009/17:32:10	00:15.8	
		SUN	ISDR 71	64	7	0	0		58.31	11.55		DN0025/07	1			
		AM SUN DIODE														
11B238/169	07:09:47	SINGLE	217.5/220.0	20	.04	4/2	1	3	REC/UH	16K	-13	98.9/17.4	37/-14	009/18:19:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		116.88	68.40		DN0025/08	1			
		AM SUN DICDE														
11B239/169	08:14:47	SINGLE	225.0/227.5	30	.04	4/2	1	3	REC/UH	16K	-10	106.4/31.7	45/-28	009/19:24:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		25.68	11.42		DN0025/09	1			
		AM SUN DICDE														
12B240/170	04:44:13	SINGLE	192.5/195.0	30	.04	1/2	1	1	REC/UH	16K	-13	85.3/-15	207/ 18	010/16:33:59	00:15.8	
		BLU	ISDR 71	64	7	0	0		54.38	5.95		DN0025/10	1			
		GROUND FOG (PHOBOS)														
12B241/170	05:03:13	SINGLE	185.0/187.5	30	.04	1/2	1	1	REC/UH	16K	-13	87.1/-11	209/ 13	010/16:52:59	00:15.8	
		BLU	ISDR 71	64	7	0	0		60.38	5.71		DN0025/11	1			
		GROUND FOG (PHOBOS)														
12B242/171	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	10	212.6/61.9	329/-62	012/01:29:21	00:11.4	
		BB1	ISDR 50	43	7	0	0		47.26	23.97		DN0025/12	1			
		SCAN VER														
12B243/171	13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	12	212.6/61.8	329/-62	012/01:29:32	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0025/13	1			
		CALIBRATION FRAME														
12B244/171	17:29:59	SINGLE	45.0/167.5	-50	.04	8/2	1	2	REC/UH	16K	12	264.5/ 8.1	27/-10	012/05:59:21	10:55.8	
		BB1	ISDR 3066	3064	4	2	2		64.42	19.29		DN0025/14	4			
		COMPOSITE														
12B245/172	02:30:02	SINGLE	55.0/ 57.5	30	.04	1/2	1	1	REC/UH	16K	-12	69.2/-45	190/ 47	012/15:39:00	00:15.8	
		BLU	ISDR 71	64	7	0	0		57.96	5.71		DN0025/15	1			
		GROUND FOG (PHOBOS)														
12B246/172	02:51:02	SINGLE	47.5/ 50.0	20	.04	1/2	1	0	REC/UH	16K	-12	72.6/-40	193/ 43	012/16:00:00	00:15.8	
		BLU	ISDR 71	64	7	0	0		112.58	11.91		DN0025/16	1			
		GROUND FOG (PHOBOS)														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11B247/172	07:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-12	105.3/28.2	43/-25	012/21:08:56	00:11.4	
		BB1	ISDR	48	43	5	0	0	74.92	64.45		DN0025/17	1			
		SCAN VER														
11B248/172	08:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-12	105.3/28.2	43/-25	012/21:09:07	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0025/18	1			
		CALIBRATION FRAME														
12B249/172	17:24:59	SINGLE	200.0/215.0	-10	.04	5/2	1	2	REC/UH	16K	12	263.8/ 9.2	26/-11	013/06:33:56	01:22.5	
		BB4	ISDR	383	376	7	0	0	107.30	29.06		DN0025/19	1			
		COMPOSITE														
11B250/172	17:29:59	SINGLE	177.5/330.0	-50	.04	8/2	1	2	REC/UH	16K	10	264.3/ 8.0	202/-10	013/06:38:56	13:35.8	
		BB1	ISDR	3811	0	0	3	3	69.07	16.42		DN0025/20	5			
		COMPOSITE														
12B251/173	14:29:59	SINGLE	22.5/ 60.0	-30	.04	0/2	1	4	REC/UH	16K	14	240.1/46.6	0/-48	014/04:18:31	03:22.5	
		BB2	ISDR	946	939	7	0	0	153.36	33.06		DN0025/21	2			
		COMPOSITE														
12B252/174	14:30:00	SINGLE	27.5/ 77.5	-10	.04	5/2	1	4	REC/UH	16K	14	239.8/46.4	0/-48	015/04:58:07	04:29.1	
		BB4	SDR	1254	1251	5	2	2	153.47	35.32		DN0025/22	2			
		COMPOSITE														
12B253/174	16:39:22	SINGLE	200.0/202.5	30	.04	4/2	1	3	REC/UH	16K	14	258.8/19.1	20/-21	015/07:07:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	23.96	6.01		DN0025/23	1			
		PM SUN DIODE														
11B254/174	16:42:00	SINGLE	150.0/197.5	-30	.04	0/2	1	2	REC/UH	16K	12	259.0/18.5	197/-21	015/07:10:07	04:15.8	
		BB2	ISDR	1195	1189	7	1	1	165.28	41.90		DN0025/24	2			
		COMPOSITE														
12B255/174	17:26:32	SINGLE	205.0/207.5	20	.04	4/2	1	3	REC/UH	16K	12	263.5/ 8.6	26/-11	015/07:54:39	00:15.8	
		SUN	ISDR	85	64	21	0	0	75.23	40.67		DN0025/25	1			
		PM SUN DIODE														
12C000/175	03:54:46	SINGLE	185.0/187.5	30	.04	1/2	1	1	REC/UH	16K	-13	81.5/-26	203/ 29	015/19:02:29	00:15.8	
		BLU	ISDR	71	64	7	0	0	58.49	5.71		DN0025/26	1			
		PHOBOS														
11C001/175	06:32:16	SINGLE	215.0/217.5	10	.04	4/2	1	2	REC/UH	16K	-15	96.6/ 8.5	35/ -5	015/21:39:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	31.25	1.07		DN0025/27	1			
		AM SUN DIODE														
11C002/175	07:22:16	SINGLE	220.0/222.5	20	.04	4/2	1	3	REC/UH	16K	-13	101.7/19.6	40/-16	015/22:29:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	28.53	10.00		DN0025/28	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C003/175	13:00:00	COLOR	150.0/227.5	-20	.12	1/1	1	3	REC/UH	16K	10	211.6/61.1	328/-61	016/04:07:43	06:55.8	
		BLU	ISDR 648	648	1	0	0		163.92	52.82		DN0025/29	1			
		GRN	ISDR 648	648	1	0	0		172.80	53.55		DN0025/30	1			
		RED	ISDR 646	648	1	2	2		171.97	47.06		DN0025/31	1			
		SURFACE AND LANDER TOP														
12C004/175	13:06:56	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	12	214.5/60.1	332/-61	016/04:14:39	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0026/01	1			
		CALIBRATION FRAME														
12C005/175	13:20:00	IR	150.0/227.5	-20	.12	9/1	1	3	REC/UH	16K	14	219.7/58.4	337/-59	016/04:27:43	06:55.8	
		IR3	ISDR 647	648	1	1	1		165.28	46.28		DN0026/02	1			
		IR2	ISDR 646	648	1	2	2		163.03	46.97		DN0026/03	1			
		IR1	ISDR 646	648	1	2	2		162.68	46.69		DN0026/04	1			
		SURFACE AND LANDER TOP														
12C006/175	13:30:00	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	16	223.3/56.9	341/-58	016/04:37:43	00:29.2	
		BLU	ISDR 44	44	1	0	0		161.17	52.30		DN0026/05	1			
		GRN	ISDR 44	44	1	0	0		166.44	53.12		DN0026/06	1			
		RED	ISDR 43	44	1	1	1		176.49	50.94		DN0026/07	1			
		REFERENCE TEST CHART														
12C007/175	13:35:00	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	16	225.0/56.1	343/-57	016/04:42:43	00:29.2	
		IR3	ISDR 43	0	0	0	0		154.35	42.03		DN0026/08	1			
		IR2	ISDR 43	0	0	0	0		151.55	41.64		DN0026/09	1			
		IR1	ISDR 43	0	0	0	0		166.92	47.83		DN0026/10	1			
		REFERENCE TEST CHART														
12C008/176	00:48:41	SINGLE	197.5/200.0	20	.04	1/2	1	0	REC/UH	16K	-8	42.6/-64	159/ 66	016/16:35:59	00:15.8	
		BLU	ISDR 71	64	7	0	0		108.46	13.79		DN0026/11	1			
		PHOBOS														
12C009/176	01:05:41	SINGLE	192.5/195.0	20	.04	1/2	1	1	REC/UH	16K	-8	49.4/-62	167/ 63	016/16:52:59	00:15.8	
		BLU	ISDR 69	64	5	0	0		61.27	5.60		DN0026/12	1			
		PHOBOS														
11C010/177	14:14:58	SINGLE	225.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	12	235.6/48.8	171/-50	018/06:41:52	01:22.5	
		BB1	ISDR 383	376	7	0	0		122.97	38.76		DN0026/13	1			
		BOOM MAGNET CAL.														
12C011/177	14:19:58	SINGLE	12.5/ 22.5	-20	.04	8/2	1	4	REC/UH	16K	14	236.8/47.9	356/-49	018/06:46:52	00:55.8	
		BB1	ISDR 257	251	7	1	1		145.47	44.25		DN0026/14	1			
		BOOM MAGNET CAL.														
12C012/178	12:59:59	COLOR	280.0/305.0	-10	.12	1/1	1	3	REC/UH	16K	10	210.9/60.4	328/-61	019/06:06:28	02:15.8	
		BLU	ISDR 209	210	1	1	1		148.24	59.82		DN0026/15	1			
		GRN	ISDR 210	210	1	0	0		144.78	57.36		DN0026/16	1			
		RED	ISDR 210	210	1	0	0		147.27	46.66		DN0026/17	1			
		RTC AND GRID														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C013/178	13:04:59	IR	280.0/305.0	-10	.12	9/1	1	3	REC/UH	16K	12	213.0/59.8	330/-60	019/06:11:28	02:15.8	
		IR3	ISDR	209	210	1	1		149.09	52.18		DN0026/18	1			
		IR2	ISDR	207	210	1	3	3	149.07	52.90		DN0026/19	1			
		IR1	ISDR	209	210	1	1	1	143.94	48.26		DN0026/20	1			
		RTC AND GRID														
12C014/178	13:07:15	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	12	213.9/59.5	331/-60	019/06:13:44	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0026/21	1			
		CALIBRATION FRAME														
12C015/178	14:29:59	SINGLE	277.5/290.0	0	.04	5/2	1	4	REC/UH	16K	16	238.7/45.9	359/-47	019/07:36:28	01:09.2	
		BB4	ISDR	320	314	7	1	1	172.16	55.85		DN0026/22	1			
		COMPOSITE														
11C016/178	14:34:59	SINGLE	265.0/290.0	-10	.04	5/2	1	4	REC/UH	16K	12	239.7/44.9	176/-46	019/07:41:28	02:15.8	
		BB4	ISDR	634	626	8	0	0	113.22	35.13		DN0026/23	1			
		COMPOSITE														
11C017/178	17:29:59	SINGLE	317.5/330.0	-30	.04	0/2	1	2	REC/UH	16K	8	262.9/ 7.5	201/-10	019/10:36:28	01:09.2	
		BB2	ISDR	321	314	7	0	0	61.27	14.86		DN0026/24	1			
		COMPOSITE														
12C018/178	17:34:59	SINGLE	20.0/ 32.5	-40	.04	8/2	1	2	REC/UH	16K	10	263.4/ 6.3	25/ -9	019/10:41:28	01:09.2	
		BB1	ISDR	323	314	9	0	0	60.05	12.91		DN0026/25	1			
		COMPOSITE														
12C019/179	12:59:59	COLOR	80.0/150.0	-30	.12	1/1	1	3	REC/UH	16K	-6	210.6/60.2	328/-60	020/06:46:03	06:15.8	
		BLU	ISDR	584	585	1	1		161.88	46.20		DN0026/26	1			
		GRN	ISDR	585	585	1	0	0	174.55	46.66		DN0026/27	1			
		RED	ISDR	585	585	1	0	0	185.14	49.60		DN0026/28	1			
		SURFACE AND LANDER														
12C020/179	13:09:59	IR	80.0/150.0	-30	.12	9/1	1	3	REC/UH	16K	14	214.8/59.0	332/-59	020/06:56:03	06:15.8	
		IR3	ISDR	585	585	1	0	0	175.91	45.12		DN0026/29	1			
		IR2	ISDR	581	585	1	4	4	173.49	45.55		DN0026/30	1			
		IR1	ISDR	584	585	1	1	1	181.44	45.43		DN0026/31	1			
		SURFACE AND LANDER														
12C021/179	13:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	16	222.2/56.2	340/-57	020/07:16:03	00:11.4	
		BB1	ISDR	51	43	8	0	0	49.56	24.08		DN0026/32	1			
		SCAN VER														
12C022/179	13:30:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	18	222.2/56.1	340/-57	020/07:16:14	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0026/33	1			
		CALIBRATION FRAME														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C023/179	13:34:59	COLOR	305.0/310.0		-10	.12	1/1	1	4 REC/UH	16K	18	223.8/55.4	342/-56	020/07:21:03	00:29.2	
		BLU	ISDR	44	44	1	0	0	163.04	51.34		DN0026/34	1			
		GRN	ISDR	44	44	1	0	0	168.06	51.61		DN0026/35	1			
		RED	ISDR	43	44	1	1	1	179.21	49.16		DN0026/36	1			
		RTC														
12C024/179	13:39:59	IR	305.0/310.0		-10	.12	9/1	1	4 REC/UH	16K	18	225.4/54.6	344/-56	020/07:26:03	00:29.2	
		IR3	ISDR	44	44	1	0	0	155.93	40.80		DN0026/37	1			
		IR2	ISDR	44	44	1	0	0	153.23	40.46		DN0026/38	1			
		IR1	ISDR	43	44	1	1	1	167.80	45.78		DN0026/39	1			
		RTC														
11C025/180	07:59:59	SINGLE	.0/ 5.0		0	.12	8/3	1	4 REC/UH	16K	-12	107.3/27.3	45/-24	021/02:25:38	00:11.4	
		BB1	ISDR	51	43	8	0	0	68.41	61.44		DN0026/40	1			
		SCAN VER														
11C026/180	08:00:10	SINGLE	170.0/170.0		-40		/7		REC/UH	16K	-12	107.3/27.3	45/-24	021/02:25:49	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0026/41	1			
		CALIBRATION FRAME														
11C027/182	08:30:00	COLOR	35.0/ 40.0		-10	.12	1/1	1	4 REC/UH	16K	-10	111.9/33.4	50/-30	023/04:14:50	00:29.2	
		BLU	ISDR	44	44	1	0	0	110.70	51.75		DN0026/42	1			
		GRN	ISDR	43	44	1	1	1	133.02	53.58		DN0026/43	1			
		RED	ISDR	43	44	1	1	1	142.98	47.02		DN0026/44	1			
		RTC														
11C028/182	08:33:00	COLOR	55.0/ 60.0		-10	.12	1/1	1	4 REC/UH	16K	-10	112.3/34.0	50/-31	023/04:17:50	00:29.2	
		BLU	ISDR	43	44	1	1	1	80.35	41.18		DN0026/45	1			
		GRN	ISDR	44	44	1	0	0	94.20	47.66		DN0026/46	1			
		RED	ISDR	43	44	1	1	1	107.09	53.19		DN0026/47	1			
		RTC														
12C029/182	11:00:00	COLOR	315.0/330.0		-30	.12	1/1	1	4 REC/UH	16K	4	150.4/59.6	269/-57	023/06:44:49	01:22.5	
		BLU	ISDR	128	127	2	0	0	97.01	45.94		DN0027/01	1			
		GRN	ISDR	127	127	2	1	1	100.81	45.48		DN0027/02	1			
		RED	ISDR	127	127	2	1	1	115.27	49.51		DN0027/03	1			
		X-RAY FUNNEL														
12C030/182	13:20:00	SINGLE	92.5/102.5		-30	.04	0/2	1	4 REC/UH	16K	12	217.8/57.0	336/-58	023/09:04:49	00:55.8	
		BB2	ISDR	258	251	7	0	0	113.14	32.46		DN0027/04	1			
		TRENCH														
11C031/182	14:37:00	SINGLE	72.5/ 80.0		-10	.04	5/2	1	3 REC/UH	16K	12	239.0/43.9	175/-46	023/10:21:49	00:42.5	
		BB4	ISDR	196	189	7	0	0	139.71	39.74		DN0027/05	1			
		COMPOSITE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C032/182	14:39:00	SINGLE	147.5/155.0	-20	.04	13/2	1	4	REC/UH	16K	12	239.4/43.5	175/-45	023/10:23:49	00:42.5	
		BB3	ISDR 195	189	7	1	1		145.76	37.78		DN0027/06	1			
		COMPOSITE														
11C033/182	14:41:00	SINGLE	297.5/307.5	-20	.04	13/2	1	4	REC/UH	16K	12	239.8/43.1	176/-45	023/10:25:49	00:55.8	
		BB3	ISDR 258	251	7	0	0		89.82	28.23		DN0027/07	1			
		COMPOSITE														
11C034/182	14:43:00	SINGLE	325.0/335.0	-20	.04	13/2	1	4	REC/UH	16K	14	240.2/42.8	176/-44	023/10:27:49	00:55.8	
		BB3	SDR 256	251	5	0	0		87.28	53.02		DN0027/08	1			
		COMPOSITE														
11C035/182	16:30:00	SINGLE	72.5/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	12	255.8/20.4	193/-23	023/12:14:49	00:42.5	
		BB4	ISDR 196	189	7	0	0		126.52	57.54		DN0027/09	1			
		COMPOSITE														
12C036/182	16:32:00	SINGLE	265.0/267.5	-10	.04	5/2	1	3	REC/UH	16K	14	256.0/19.9	18/-22	023/12:16:49	00:15.8	
		BB4	ISDR 71	64	7	0	0		99.45	16.94		DN0027/10	1			
		COMPOSITE														
11C037/183	06:59:59	SINGLE	72.5/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	-15	101.2/13.8	39/-10	024/03:24:24	00:42.5	
		BB4	ISDR 198	189	9	0	0		80.56	25.32		DN0027/11	1			
		COMPOSITE														
11C038/183	07:01:59	SINGLE	127.5/132.5	-10	.04	5/2	1	2	REC/UH	16K	-15	101.4/14.3	40/-11	024/03:26:24	00:29.2	
		BB4	ISDR 134	126	8	0	0		157.57	28.92		DN0027/12	1			
		COMPOSITE														
11C039/183	07:03:59	SINGLE	302.5/307.5	-40	.04	8/2	1	2	REC/UH	16K	-13	101.6/14.7	40/-11	024/03:28:24	00:29.2	
		BB1	ISDR 134	126	8	0	0		133.27	38.63		DN0027/13	1			
		COMPOSITE														
12C040/183	07:05:59	SINGLE	45.0/ 52.5	-50	.04	8/2	1	3	REC/UH	16K	-13	101.8/15.2	224/-12	024/03:30:24	00:42.5	
		BB1	ISDR 195	189	7	1	1		58.49	28.11		DN0027/14	1			
		COMPOSITE														
12C041/183	07:07:59	SINGLE	77.5/ 82.5	-40	.04	8/2	1	2	REC/UH	16K	-13	102.0/15.6	224/-12	024/03:32:24	00:29.2	
		BB1	ISDR 134	126	8	0	0		121.03	25.46		DN0027/15	1			
		COMPOSITE														
12C042/183	07:09:59	SINGLE	40.0/ 65.0	-10	.04	5/2	1	3	REC/UH	16K	-13	102.2/16.1	224/-13	024/03:34:24	02:15.8	
		BB4	ISDR 636	626	10	0	0		70.56	19.90		DN0027/16	1			
		COMPOSITE														
12C043/183	07:13:59	SINGLE	10.0/ 25.0	-30	.04	0/2	1	3	REC/UH	16K	-12	102.6/16.9	225/-13	024/03:38:24	01:22.5	
		BB2	SDR 379	376	3	0	0		68.74	21.45		DN0027/17	1			
		COMPOSITE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C044/183	07:16:59	SINGLE	32.5/ 60.0	-20	.04	0/2	1	3	REC/UH	16K	-12	103.0/17.6	225/-14	024/03:41:24	02:29.2	
		BB2	ISDR 696	689	7	0	0		90.24	37.88		DN0027/18	1			
		COMPOSITE														
11C045/183	09:25:00	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-8	121.7/44.3	59/-41	024/05:49:25	00:29.2	
		IR3	ISDR 44	44	1	0	0		119.50	39.51		DN0027/19	1			
		IR2	ISDR 43	44	1	1	1		124.76	41.18		DN0027/20	1			
		IR1	ISDR 43	44	1	1	1		142.75	47.17		DN0027/21	1			
		REFERENCE TEST CHART														
11C046/183	09:30:00	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-8	122.8/45.3	60/-42	024/05:54:25	00:29.2	
		BLU	ISDR 44	44	1	0	0		117.84	48.76		DN0027/22	1			
		GRN	ISDR 43	44	1	1	1		148.23	57.83		DN0027/23	1			
		RED	ISDR 43	44	1	1	1		167.57	56.32		DN0027/24	1			
		REFERENCE TEST CHART														
11C047/183	09:30:29	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-6	122.9/45.3	60/-42	024/05:54:54	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0027/25	1			
		CALIBRATION FRAME														
11C048/183	12:00:00	COLOR	112.5/172.5	-10	.12	1/1	1	3	REC/UH	16K	6	180.2/62.9	113/-62	024/08:24:25	05:22.5	
		BLU	ISDR 503	502	2	0	0		166.59	43.69		DN0027/26	1			
		GRN	ISDR 502	502	2	1	1		161.21	63.27		DN0027/27	1			
		RED	ISDR 502	502	2	1	1		150.70	59.79		DN0027/28	1			
		SURFACE AND LANDER TOP														
11C049/183	12:10:00	IR	112.5/172.5	-10	.12	9/1	1	3	REC/UH	16K	8	185.5/62.8	118/-62	024/08:34:25	05:22.5	
		IR3	ISDR 501	0	0	0	0		157.29	57.50		DN0027/29	1			
		IR2	ISDR 501	0	0	0	0		155.26	56.99		DN0027/30	1			
		IR1	ISDR 501	0	0	0	0		153.40	57.89		DN0027/31	1			
		SURFACE AND LANDER TOP														
12C050/183	16:35:34	SINGLE	197.5/200.0	30	.04	4/2	1	2	REC/UH	16K	14	256.2/19.0	18/-21	024/12:59:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		32.36	16.12		DN0027/32	1			
		PM SUN DIODE														
12C051/183	17:20:34	SINGLE	202.5/205.0	20	.04	4/2	1	0	REC/UH	16K	12	260.9/ 9.1	23/-11	024/13:44:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		117.28	6.53		DN0027/33	1			
		PM SUN DIODE														
12C052/183	17:58:34	COLOR	207.5/207.5	10	.12	1/1	1	5	REC/UH	250	12	264.5/ 0.6	27/ -3	024/14:22:59	20:02.5	R
		BLU	SDR 27	2	27	1	1		31.99	8.33		DN0027/34	1			
		GRN	SDR 28	2	27	0	0		28.13	6.21		DN0027/35	1			
		RED	SDR 28	2	27	0	0		25.09	2.62		DN0027/36	1			
		PM TWILIGHT RESCAN														

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C053/183	18:20:04	COLOR	210.0/210.0	10	.12	1/1	1	3	REC/UH	250	8	266.4/-4.2	29/ 1	024/14:44:29	20:02.5	R
		BLU	SDR 27	2	27	1	1		35.68	9.56		DN0027/37	1			
		GRN	SDR 28	2	27	0	0		29.22	5.50		DN0027/38	1			
		RED	SDR 28	2	27	0	0		25.69	4.45		DN0027/39	1			
		PM TWILIGHT RESCAN														
12C054/183	18:41:34	COLOR	212.5/212.5	10	.12	1/1	1	1	REC/UH	250	8	268.4/-9.0	31/ 6	024/15:05:59	20:02.5	R
		BLU	SDR 27	2	27	1	1		72.69	15.64		DN0027/40	1			
		GRN	SDR 28	2	27	0	0		67.62	7.55		DN0027/41	1			
		RED	SDR 28	2	27	0	0		65.11	3.64		DN0027/42	1			
		PM TWILIGHT RESCAN														
11C055/185	06:36:23	SINGLE	217.5/220.0	10	.04	4/2	1	0	REC/UH	16K	-15	99.3/ 8.4	37/ -5	026/04:19:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		111.78	1.69		DN0027/43	1			
		AM SUN DIODE														
11C056/185	07:21:23	SINGLE	222.5/225.0	20	.04	4/2	1	2	REC/UH	16K	-13	103.9/18.3	42/-15	026/05:04:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.28	1.16		DN0027/44	1			
		AM SUN DIODE														
11C057/192	08:30:00	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-10	114.3/32.0	52/-29	033/10:50:43	00:29.2	
		IR3	ISDR 44	44	1	0	0		101.72	35.60		DN0027/45	1			
		IR2	ISDR 43	44	1	1	1		104.86	35.72		DN0027/46	1			
		IR1	ISDR 43	44	1	1	1		119.28	39.83		DN0027/47	1			
		RTC														
11C058/192	08:35:00	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-10	115.1/33.0	53/-30	033/10:55:43	00:29.2	
		BLU	ISDR 44	44	1	0	0		113.41	51.71		DN0027/48	1			
		GRN	ISDR 44	44	1	0	0		135.32	53.60		DN0027/49	1			
		RED	ISDR 43	44	1	1	1		145.12	46.73		DN0027/50	1			
		RTC														
11C059/192	13:00:00	COLOR	172.5/205.0	-30	.12	1/1	1	3	REC/UH	16K	10	207.6/57.4	141/-57	033/15:20:43	02:55.8	
		BLU	ISDR 274	273	2	0	0		178.13	46.19		DN0028/01	1			
		GRN	ISDR 273	273	2	1	1		169.26	55.75		DN0028/02	1			
		RED	ISDR 272	273	2	2	2		159.28	54.24		DN0028/03	1			
		SURFACE AND LANDER														
11C060/192	13:10:00	IR	172.5/205.0	-30	.12	9/1	1	3	REC/UH	16K	10	211.5/56.3	145/-57	033/15:30:43	02:55.8	
		IR3	ISDR 273	273	1	0	0		171.31	51.34		DN0028/04	1			
		IR2	ISDR 273	273	1	0	0		171.27	51.13		DN0028/05	1			
		IR1	ISDR 272	273	1	1	1		168.95	51.96		DN0028/06	1			
		SURFACE AND LANDER														
11C061/196	08:30:00	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-13	115.2/31.4	53/-28	037/13:29:03	00:29.2	
		IR3	ISDR 44	44	1	0	0		98.26	34.01		DN0028/07	1			
		IR2	ISDR 43	44	1	1	1		102.28	35.15		DN0028/08	1			
		IR1	ISDR 43	44	1	1	1		117.25	38.86		DN0028/09	1			
		MON RTC														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C062/196	08:35:00	COLOR	35.0/	40.0	-10 .12	1/1	1	4	REC/UH	16K	-12	116.0/32.4	54/-29	037/13:34:03	00:29.2	
		BLU	ISDR	44	44 1	0	0		111.27	50.83		DN0028/10	1			
		GRN	ISDR	44	44 1	0	0		133.64	53.51		DN0028/11	1			
		RED	ISDR	44	44 1	0	0		143.73	46.87		DN0028/12	1			
		MON RTC														
11C063/196	10:00:00	COLOR	10.0/	82.5	-10 .12	1/1	1	3	REC/UH	16K	-4	133.2/48.2	70/-45	037/14:59:03	06:29.1	
		BLU	ISDR	606	606 1	0	0		165.86	47.18		DN0028/13	1			
		GRN	ISDR	606	606 1	0	0		169.85	50.65		DN0028/14	1			
		RED	ISDR	605	606 1	1	1		174.56	44.56		DN0028/15	1			
		HG CLR AND IR OF LNDR/SURF														
11C064/196	10:10:00	IR	10.0/	82.5	-10 .12	9/1	1	3	REC/UH	16K	-2	135.9/49.9	72/-47	037/15:09:03	06:29.1	
		IR3	ISDR	605	606 1	1	1		167.46	44.14		DN0028/16	1			
		IR2	ISDR	606	606 1	0	0		168.80	43.41		DN0028/17	1			
		IR1	ISDR	605	606 1	1	1		166.77	43.01		DN0028/18	1			
		HG CLR AND IR OF LNDR/SURF														
12C065/197	07:59:59	COLOR	247.5/	260.0	-10 .12	1/1	1	3	REC/UH	16K	-13	111.2/25.0	233/-22	038/13:38:37	01:09.2	
		BLU	ISDR	11	106 1	95	3		174.33	53.12		DN0028/19	1			
		GRN	ISDR	12	106 1	94	3		173.75	53.81		DN0028/20	1			
		RED	ISDR	10	106 1	96	5		172.68	53.52		DN0028/21	1			
		HG CLR AND IR OF SURF														
12C066/197	08:04:59	IR	247.5/	260.0	-10 .12	9/1	1	3	REC/UH	16K	-12	111.9/26.1	234/-23	038/13:43:37	01:09.2	
		IR3	ISDR	25	106 2	82	5		185.96	29.86		DN0028/22	1			
		IR2	ISDR	23	106 2	84	5		184.43	36.02		DN0028/23	1			
		IR1	ISDR	24	106 2	83	4		185.29	48.75		DN0028/24	1			
		HG CLR AND IR OF SURF														
11C067/197	09:29:59	SINGLE	.0/	5.0	0 .12	8/3	1	4	REC/UH	16K	-8	126.2/42.9	63/-40	038/15:08:37	00:11.4	
		BBI	ISDR	52	43 9	0	0		68.96	59.31		DN0028/25	1			
		SCAN VER														
11C068/197	09:30:10	SINGLE	170.0/	170.0	-40	/7			REC/UH	16K	-6	126.2/42.8	63/-40	038/15:08:48	00:18.0	
		CAL	ISDR	84	0 0	0	0		.00	.00		DN0028/26	1			
		CALIBRATION FRAME														
11C069/197	09:34:59	IR	35.0/	40.0	-10 .12	9/1	1	4	REC/UH	16K	-6	127.3/43.8	65/-41	038/15:13:37	00:29.2	
		IR3	ISDR	43	44 1	1	1		127.83	42.31		DN0028/27	1			
		IR2	ISDR	43	44 1	1	1		133.25	43.99		DN0028/28	1			
		IR1	ISDR	42	44 1	2	2		146.94	46.12		DN0028/29	1			
		MON RTC														
11C070/197	09:39:59	COLOR	35.0/	40.0	-10 .12	1/1	1	4	REC/UH	16K	-6	128.5/44.6	66/-41	038/15:18:37	00:29.2	
		BLU	ISDR	44	44 1	0	0		130.10	48.22		DN0028/30	1			
		GRN	ISDR	44	44 1	0	0		159.61	56.43		DN0028/31	1			
		RED	ISDR	44	44 1	0	0		172.20	54.49		DN0028/32	1			
		MON RTC														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C071/197	14:09:59	COLOR	205.0/270.0	-30	.12	1/1	1	3	REC/UH	16K	12	228.7/46.6	164/-48	038/19:48:37	05:49.1	
		BLU	ISDR 238	0	0	305	1		164.76	31.49		DN0028/33	1			
		GRN	ISDR 238	0	0	305	1		202.62	38.50		DN0028/34	1			
		RED	ISDR 238	0	0	305	1		178.62	49.93		DN0028/35	1			
		HG CLR AND IR OF SURF														
11C072/197	14:19:59	IR	205.0/270.0	-30	.12	9/1	1	3	REC/UH	16K	14	231.1/44.9	167/-46	038/19:58:37	05:49.1	
		IR3	ISDR 472	0	0	71	1		196.34	37.12		DN0028/36	1			
		IR2	ISDR 472	0	0	71	1		196.94	37.68		DN0028/37	1			
		IR1	ISDR 472	0	0	71	2		197.21	40.34		DN0028/38	1			
		HG CLR AND IR OF SURF														
12C073/198	13:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	8	206.2/56.1	324/-56	039/19:18:13	00:11.4	
		BB1	ISDR 50	43	7	0	0		46.54	23.66		DN0028/39	1			
		SCAN VER														
12C074/198	13:00:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	10	206.2/56.1	324/-56	039/19:18:24	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0028/40	1			
		CALIBRATION FRAME														
11C075/202	14:08:40	SINGLE	200.0/210.0	-30	.04	0/2	1	3	REC/UH	16K	12	227.0/46.1	162/-47	043/23:05:15	00:55.8	
		BB2	ISDR 257	251	7	1	1		147.07	47.83		DN0028/41	1			
		BACKHOE TOUCHDOWN														
11C076/203	12:29:59	SINGLE	282.5/290.0	-30	.04	8/2	1	3	REC/UH	16K	8	192.7/57.3	126/-57	044/22:06:09	00:42.5	
		BB1	ISDR 198	189	9	0	0		151.49	48.61		DN0028/42	1			
		TEMP. SENSOR														
12C077/203	14:21:59	SINGLE	17.5/ 25.0	-20	.04	0/2	1	3	REC/UH	16K	14	229.9/43.7	350/-45	044/23:58:09	00:42.5	
		BB2	ISDR 195	189	7	1	1		190.91	40.55		DN0028/43	1			
		MONO. AFTER 1ST 2 DIGS														
11C078/204	14:17:59	SINGLE	200.0/210.0	-30	.04	0/2	1	3	REC/UH	16K	14	228.7/44.2	164/-45	046/00:33:44	00:55.8	
		BB2	ISDR 259	251	8	0	0		158.17	47.68		DN0028/44	1			
		DEEP HOLE - STEREO AFTER DIG														
12C079/204	14:21:59	SINGLE	17.5/ 25.0	-20	.04	0/2	1	3	REC/UH	16K	10	229.6/43.5	349/-45	046/00:37:44	00:42.5	
		BB2	ISDR 196	189	7	0	0		179.87	41.44		DN0029/01	1			
		DEEP HOLE - STEREO AFTER DIG														
12C080/207	07:35:59	SINGLE	25.0/ 37.5	-10	.04	13/2	1	2	REC/UH	16K	-13	110.3/18.5	232/-15	048/19:50:30	01:09.2	
		BB3	ISDR 323	314	9	0	0		169.97	39.17		DN0029/02	1			
		MON. DRIFTS / FINES														
11C081/207	09:59:59	SINGLE	150.0/220.0	-10	.04	13/2	1	3	REC/UH	16K	-4	135.4/46.0	72/-43	048/22:14:30	06:15.8	
		BB3	ISDR 1756	1751	7	2	2		171.16	51.13		DN0029/03	3			
		BIG JOE / DUNES														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C082/207	10:19:59	SINGLE	182.5/270.0	-50	.04	8/2	1	3	REC/UH	16K	-2	140.9/49.0	77/-46	048/22:34:30	07:49.1	
		BB1	ISDR 2193	2189	5	1	1		188.19	42.65		DN0029/04	3			
		MON. FTPD. 2 / DURIC.														
12C083/207	13:39:59	COLOR	285.0/310.0	-20	.12	1/1	1	4	REC/UH	16K	10	217.7/49.6	337/-50	049/01:54:30	02:15.8	
		BLU	ISDR 211	210	2	0	0		111.71	60.01		DN0029/05	1			
		GRN	ISDR 210	210	2	1	1		119.39	61.25		DN0029/06	1			
		RED	ISDR 210	210	2	1	1		132.48	56.41		DN0029/07	1			
		LANDER TOP														
11C084/207	15:10:04	COLOR	117.5/230.0	-10	.12	1/1	1	4	RT/UH	16K	10	238.4/34.4	175/-36	049/03:24:35	10:00.0	
		BLU	ISDR 935	0	0	4	2		109.91	43.62		DN0029/08	2			
		GRN	ISDR 934	0	0	5	2		136.05	45.53		DN0029/09	2			
		RED	ISDR 934	0	0	5	2		151.12	39.41		DN0029/10	2			
		DEEP HOLE														
11C085/207	15:41:38	SINGLE	160.0/250.0	-30	.04	0/2	1	3	RT/UH	16K	10	243.4/28.2	180/-30	049/03:56:09	09:36.0	
		BB2	SDR 2694	2251	449	6	1		155.09	42.67		DN0029/11	4			
		HORIZON														
12C086/207	16:24:28	SINGLE	190.0/192.5	30	.04	4/2	1	2	REC/UH	16K	10	249.1/19.3	11/-21	049/04:38:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.10	1.78		DN0029/12	1			
		PM SUN DIODE														
12C087/207	16:44:28	SINGLE	192.5/195.0	20	.04	4/2	1	1	REC/UH	16K	10	251.4/15.1	13/-17	049/04:58:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		59.17	2.15		DN0029/13	1			
		PM SUN DIODE														
11C088/208	05:08:53	COLOR	217.5/217.5	10	.12	1/1	1	1	REC/UH	250	10	96.2/-13	34/ 16	049/18:03:00	20:02.5	R
		BLU	SDR 27	2	27	1	1		108.44	47.73		DN0029/14	1			
		GRN	SDR 28	2	27	0	0		108.95	45.44		DN0029/15	1			
		RED	SDR 28	2	27	0	0		99.42	34.38		DN0029/16	1			
		AM TWILIGHT RESCAN														
11C089/208	05:30:23	COLOR	220.0/220.0	10	.12	1/1	1	3	REC/UH	250	-15	98.1/-9.0	36/ 12	049/18:24:30	20:02.5	R
		BLU	SDR 27	2	27	1	1		80.86	36.07		DN0029/17	1			
		GRN	SDR 28	2	27	0	0		73.50	31.79		DN0029/18	1			
		RED	SDR 28	2	27	0	0		53.76	22.53		DN0029/19	1			
		AM TWILIGHT RESCAN														
11C090/208	05:51:53	COLOR	220.0/220.0	10	.12	1/1	1	5	REC/UH	250	-15	100.0/-4.2	38/ 7	049/18:46:00	20:02.5	R
		BLU	SDR 27	2	27	1	1		58.45	25.13		DN0029/20	1			
		GRN	SDR 28	2	27	0	0		52.61	20.85		DN0029/21	1			
		RED	SDR 28	2	27	0	0		39.94	12.80		DN0029/22	1			
		AM TWILIGHT RESCAN														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C091/208 07:22:53	SINGLE	227.5/230.0	20	.04	4/2	1	1	REC/UH	16K	-12	109.0/15.6	47/-12	049/20:17:00	00:15.8	
	SUN	ISDR 71	64	7	0	0		57.64	2.77		DN0029/23	1			
	AM SUN DIODE														
11C092/208 08:05:53	SINGLE	232.5/235.0	30	.04	4/2	1	2	REC/UH	16K	-12	114.3/24.6	52/-21	049/20:59:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		31.39	2.99		DN0029/24	1			
	AM SUN DIODE														
12C093/208 12:19:59	COLOR	260.0/280.0	-10	.12	1/1	1	3	REC/UH	16K	6	187.6/56.6	305/-56	050/01:14:05	01:49.2	
	BLU	ISDR 169	169	1	0	0		196.10	46.94		DN0029/25	1			
	GRN	ISDR 168	169	1	1	1		180.76	55.54		DN0029/26	1			
	RED	ISDR 168	169	1	1	1		179.37	50.03		DN0029/27	1			
	HI GAIN CER. COMP.														
12C094/208 12:29:59	IR	260.0/280.0	-10	.12	9/1	1	3	REC/UH	16K	8	191.9/56.2	310/-55	050/01:24:05	01:49.2	
	IR3	ISDR 169	169	1	0	0		187.23	31.96		DN0029/28	1			
	IR2	ISDR 168	169	1	1	1		187.00	31.52		DN0029/29	1			
	IR1	ISDR 168	169	1	1	1		188.91	30.13		DN0029/30	1			
	HI GAIN CER. COMP.														
12C095/208 13:29:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	12	214.3/50.8	333/-51	050/02:24:05	00:29.2	
	BLU	ISDR 44	44	1	0	0		140.82	56.90		DN0029/31	1			
	GRN	ISDR 44	44	1	0	0		149.16	59.11		DN0029/32	1			
	RED	ISDR 43	44	1	1	1		162.96	59.55		DN0029/33	1			
	HI GAIN CER. COMP.														
12C096/208 13:34:59	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	12	215.9/50.1	335/-51	050/02:29:05	00:29.2	
	IR3	ISDR 43	0	0	0	0		140.76	48.43		DN0029/34	1			
	IR2	ISDR 43	0	0	0	0		139.10	48.22		DN0029/35	1			
	IR1	ISDR 42	0	0	1	1		155.16	54.68		DN0029/36	1			
	HI GAIN CER. COMP.														
11C097/208 14:44:59	COLOR	270.0/280.0	-20	.12	1/1	1	3	REC/UH	16K	12	233.5/39.0	170/-40	050/03:39:05	00:55.8	
	BLU	ISDR 86	85	2	0	0		107.86	29.58		DN0029/37	1			
	GRN	ISDR 85	85	2	1	1		147.04	38.81		DN0029/38	1			
	RED	ISDR 85	85	2	1	1		187.84	39.85		DN0029/39	1			
	HI GAIN CER. COMP.														
11C098/208 14:49:59	IR	270.0/280.0	-20	.12	9/1	1	3	REC/UH	16K	12	234.5/38.1	171/-39	050/03:44:05	00:55.8	
	IR3	ISDR 86	85	2	0	0		159.70	38.33		DN0029/40	1			
	IR2	ISDR 85	85	2	1	1		163.43	38.98		DN0029/41	1			
	IR1	ISDR 85	85	2	1	1		180.02	39.17		DN0029/42	1			
	HI GAIN CER. COMP.														
12C099/209 07:35:59	SINGLE	205.0/215.0	-10	.04	5/2	1	2	REC/UH	16K	-15	110.7/18.2	233/-15	050/21:09:41	00:55.8	
	BB4	ISDR 259	251	8	0	0		206.84	28.27		DN0030/01	1			
	COMPOSITE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C100/209	09:29:59	IR	35.0/	40.0	-10 .12	9/1	1	4	REC/UH	16K	-8	128.7/40.6	66/-37	050/23:03:41	00:29.2	
		IR3	ISDR	43	0 0	0	0		114.28	38.55		DN0030/02	1			
		IR2	ISDR	43	0 0	0	0		119.39	40.11		DN0030/03	1			
		IR1	ISDR	43	0 0	0	0		137.59	46.89		DN0030/04	1			
		RTC														
11C101/209	09:34:59	COLOR	35.0/	40.0	-10 .12	1/1	1	4	REC/UH	16K	-6	129.8/41.5	67/-38	050/23:08:41	00:29.2	
		BLU	ISDR	45	44 2	0	0		113.16	46.59		DN0030/05	1			
		GRN	ISDR	44	44 2	1	1		141.11	54.24		DN0030/06	1			
		RED	ISDR	44	44 2	1	1		160.61	55.46		DN0030/07	1			
		RTC														
12C102/209	15:36:17	SINGLE	182.5/	185.0	30 .04	4/2	1	2	REC/UH	16K	10	242.1/29.1	3/-31	051/05:09:58	00:15.8	
		SUN	ISDR	71	64 7	0	0		31.09	1.90		DN0030/08	1			
		PM SUN DIODE														
12C103/209	16:26:17	SINGLE	190.0/	192.5	30 .04	4/2	1	1	REC/UH	16K	10	248.8/18.8	10/-21	051/05:59:58	00:15.8	
		SUN	ISDR	71	64 7	0	0		59.04	.82		DN0030/09	1			
		PM SUN DIODE														
11C104/210	07:41:42	SINGLE	230.0/	232.5	20 .04	4/2	1	0	REC/UH	16K	-21	111.6/19.3	50/-16	051/21:54:59	00:15.8	
		SUN	ISDR	71	64 7	0	0		125.55	6.14		DN0030/10	1			
		AM SUN DIODE														
11C105/210	08:21:42	SINGLE	235.0/	237.5	30 .04	4/2	1	1	REC/UH	16K	-19	116.9/27.5	55/-24	051/22:34:59	00:15.8	
		SUN	ISDR	71	64 7	0	0		65.38	3.28		DN0030/11	1			
		AM SUN DIODE														
11C106/210	08:54:13	SINGLE	240.0/	242.5	30 .04	4/2	1	2	REC/UH	16K	-19	122.0/33.8	60/-31	051/23:07:30	00:15.8	
		SUN	ISDR	71	64 7	0	0		34.29	3.20		DN0030/12	1			
		AM SUN DIODE														
12C107/210	13:00:00	SINGLE	.0/	5.0	0 .12	8/3	1	4	REC/UH	16K	-2	203.4/53.7	322/-54	052/03:13:17	00:11.4	
		BB1	ISDR	50	43 7	0	0		46.25	23.54		DN0030/13	1			
		SCAN VER														
12C108/210	13:00:11	SINGLE	170.0/	170.0	-40	/7			REC/UH	16K	-2	203.5/53.6	322/-54	052/03:13:28	00:18.0	
		CAL	ISDR	84	0 0	0	0		.00	.00		DN0030/14	1			
		CALIBRATION FRAME														
12C109/210	14:29:31	SINGLE	95.0/	105.0	-20 .04	0/2	1	3	REC/UH	16K	2	229.7/41.5	350/-43	052/04:42:47	00:55.8	
		BB2	ISDR	258	251 7	0	0		138.37	32.05		DN0030/15	1			
		GAIN STUDY														
12C110/210	15:29:31	SINGLE	95.0/	105.0	-20 .04	0/2	1	3	REC/UH	16K	2	240.8/30.3	2/-32	052/05:42:47	00:55.8	
		BB2	ISDR	258	251 7	0	0		105.59	23.00		DN0030/16	1			
		GAIN STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C111/210	15:59:31	SINGLE	95.0/105.0	-20	.04	0/2	1	3	REC/UH	16K	2	245.2/24.3	6/-26	052/06:12:47	00:55.8	
		BB2	ISDR 258	251	7	0	0		89.03	18.20		DN0030/17	1			
		GAIN STUDY														
12C112/210	16:29:31	SINGLE	95.0/105.0	-20	.04	0/2	1	2	REC/UH	16K	2	249.0/18.1	11/-20	052/06:42:47	00:55.8	
		BB2	ISDR 258	251	7	0	0		123.61	21.89		DN0030/18	1			
		GAIN STUDY														
12C113/210	16:44:31	SINGLE	95.0/105.0	-20	.04	0/2	1	2	REC/UH	16K	2	250.7/14.9	12/-17	052/06:57:47	00:55.8	
		BB2	ISDR 257	251	7	1	1		103.70	16.73		DN0030/19	1			
		GAIN STUDY														
12C114/210	16:59:31	SINGLE	95.0/105.0	-20	.04	0/2	1	1	REC/UH	16K	2	252.3/11.7	14/-14	052/07:12:47	00:55.8	
		BB2	ISDR 260	251	9	0	0		171.30	25.12		DN0030/20	1			
		GAIN STUDY														
12C115/210	17:14:31	SINGLE	95.0/105.0	-20	.04	0/2	1	1	REC/UH	16K	2	253.9/ 8.5	16/-11	052/07:27:47	00:55.8	
		BB2	ISDR 260	251	9	0	0		135.38	17.52		DN0030/21	1			
		GAIN STUDY														
11C116/211	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	107.1/10.3	45/ -7	052/21:52:51	00:11.4	
		BB1	SDR 48	43	5	0	0		118.26	59.87		DN0030/22	1			
		SCAN VER														
11C117/211	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	107.1/10.2	45/- 7	052/21:53:02	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0030/23	1			
		CALIBRATION FRAME														
12C118/211	15:02:04	COLOR	115.0/170.0	10	.12	1/1	1	5	REC/UH	16K	4	236.0/35.5	356/-37	053/05:54:56	04:55.8	
		BLU	ISDR 460	460	1	0	0		107.47	67.03		DN0030/24	1			
		GRN	ISDR 460	460	1	0	0		104.08	66.30		DN0030/25	1			
		RED	ISDR 460	460	1	0	0		103.97	62.80		DN0030/26	1			
		PM SKY BRIGHTNESS														
12C119/211	15:08:05	IR	115.0/170.0	10	.12	9/1	1	5	REC/UH	16K	4	237.0/34.4	358/-36	053/06:00:57	04:55.8	
		IR3	ISDR 460	460	1	0	0		88.22	53.25		DN0030/27	1			
		IR2	ISDR 459	460	1	1	1		89.54	53.83		DN0030/28	1			
		IR1	ISDR 459	460	1	1	1		96.20	57.72		DN0030/29	1			
		PM SKY BRIGHTNESS														
12C120/211	15:37:08	SINGLE	182.5/185.0	30	.04	4/2	1	2	REC/UH	16K	8	241.8/28.7	3/-30	053/06:30:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.02	.44		DN0030/30	1			
		PM SUN DIODE														
12C121/211	15:54:38	SINGLE	185.0/187.5	30	.04	4/2	1	2	REC/UH	16K	8	244.3/25.2	5/-27	053/06:47:30	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.01	.33		DN0030/31	1			
		PM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
12C122/211	16:32:08	SINGLE	190.0/192.5	30	.04	4/2	1	1	REC/UH	16K	6	249.0/17.5	11/-19	053/07:25:00	00:15.8
		SUN	ISDR	69	64	5	0	0	59.00	.08		DN0030/32	1		
		PM SUN DIODE													
11C123/218	14:20:00	SINGLE	200.0/210.0	-30	.04	0/2	1	3	REC/UH	16K	2	225.4/42.0	161/-43	060/09:49:58	00:55.8
		BB2	ISDR	258	251	7	0	0	137.69	51.93		DN0031/01	1		
		DEEP HOLE DURING ACQ													
12C124/218	14:25:00	SINGLE	17.5/ 25.0	-20	.04	0/2	1	3	REC/UH	16K	4	226.5/41.2	346/-42	060/09:54:58	00:42.5
		BB2	ISDR	194	189	5	0	0	157.18	47.50		DN0031/02	1		
		DEEP HOLE DURING ACQ													
11C125/218	14:30:00	COLOR	290.0/295.0	-20	.12	1/1	1	4	REC/UH	16K	2	227.7/40.4	164/-41	060/09:59:58	00:29.2
		BLU	ISDR	44	44	1	0	0	55.89	44.50		DN0031/03	1		
		GRN	ISDR	44	44	1	0	0	72.27	57.82		DN0031/04	1		
		RED	ISDR	43	44	1	1	1	89.67	57.91		DN0031/05	1		
		HI GAIN CLR / IR COMPOSITE													
11C126/218	14:34:31	IR	290.0/295.0	-20	.12	9/1	1	4	REC/UH	16K	2	228.6/39.6	165/-41	060/10:04:29	00:29.2
		IR3	ISDR	44	44	1	0	0	73.93	47.41		DN0031/06	1		
		IR2	ISDR	44	44	1	0	0	77.45	50.25		DN0031/07	1		
		IR1	ISDR	43	44	1	1	1	87.87	57.44		DN0031/08	1		
		HI GAIN CLR / IR COMPOSITE													
11C127/219	14:20:00	SINGLE	200.0/210.0	-30	.04	0/2	1	3	REC/UH	16K	2	225.1/41.9	161/-43	061/10:29:33	00:55.8
		BB2	ISDR	259	251	8	0	0	134.22	50.97		DN0031/09	1		
		DEEP HOLE POST ACQ													
12C128/219	14:25:00	SINGLE	17.5/ 25.0	-20	.04	0/2	1	3	REC/UH	16K	4	226.3/41.1	346/-42	061/10:34:33	00:42.5
		BB2	ISDR	196	189	7	0	0	153.32	46.98		DN0031/10	1		
		DEEP HOLE POST ACQ													
12C129/221	12:34:42	SINGLE	95.0/155.0	-30	.04	0/2	1	3	REC/UH	16K	-2	191.5/53.2	310/-52	063/10:03:27	05:22.5
		BB2	ISDR	1510	1501	9	0	0	159.75	53.54		DN0031/11	2		
		ACCUMULATED FINES													
11C130/221	12:59:42	SINGLE	40.0/ 60.0	0	.04	1/2	1	4	REC/UH	16K	-2	200.9/51.6	135/-51	063/10:28:27	01:49.2
		BLU	ISDR	509	501	9	1	1	63.10	30.08		DN0031/12	1		
		OVER BACK OF LANDER													
11C131/221	13:03:42	SINGLE	40.0/ 60.0	0	.04	3/2	1	4	REC/UH	16K	-2	202.3/51.3	137/-51	063/10:32:27	01:49.2
		RED	ISDR	510	501	9	0	0	124.79	35.83		DN0031/13	1		
		OVER BACK OF LANDER													
11C132/221	13:06:42	SINGLE	40.0/ 60.0	0	.04	2/2	1	4	REC/UH	16K	-2	203.3/51.0	138/-51	063/10:35:27	01:49.2
		GRN	ISDR	508	501	7	0	0	83.11	33.91		DN0031/14	1		
		OVER BACK OF LANDER													

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C133/221	13:09:59	SINGLE	197.5/220.0	-30	.04	1/2	1	4	REC/UH	16K	0	204.5/50.7	139/-51	063/10:38:44	02:02.5	
		BLU	ISDR 571	564	7	0	0		47.65	34.61		DN0031/15	1			
		TRENCHES														
11C134/221	13:12:59	SINGLE	197.5/220.0	-30	.04	3/2	1	4	REC/UH	16K	0	205.5/50.4	140/-50	063/10:41:44	02:02.5	
		RED	ISDR 573	564	9	0	0		83.10	34.84		DN0031/16	1			
		TRENCHES														
11C135/221	13:15:59	SINGLE	197.5/220.0	-30	.04	2/2	1	4	REC/UH	16K	0	206.5/50.1	141/-50	063/10:44:44	02:02.5	
		GRN	ISDR 572	564	9	1	1		57.49	35.09		DN0031/17	1			
		TRENCHES														
11C136/221	14:49:50	SINGLE	130.0/250.0	-10	.04	1/2	1	4	RT/UH	16K	2	231.0/36.7	167/-38	063/12:18:35	10:44.0	
		BLU	ISDR 3018	3001	18	1	1		51.00	25.54		DN0031/18	4			
		BIG JOE AND DUNES														
11C137/221	15:00:48	SINGLE	130.0/250.0	-10	.04	3/2	1	4	RT/UH	16K	2	233.1/34.7	170/-36	063/12:29:33	10:44.0	
		RED	ISDR 3019	3001	18	0	0		91.21	23.30		DN0031/19	4			
		BIG JOE AND DUNES														
11C138/221	15:11:46	SINGLE	130.0/250.0	-10	.04	2/2	1	4	RT/UH	16K	4	235.1/32.7	172/-34	063/12:40:31	10:44.0	
		GRN	ISDR 3019	3001	18	0	0		60.29	27.23		DN0031/20	4			
		AM SUN DIODE														
12C139/222	08:16:39	SINGLE	60.0/ 62.5	30	.04	4/2	1	1	REC/UH	16K	-17	118.3/24.4	240/-21	064/06:24:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		56.10	2.21		DN0031/21	1			
		AM SUN DIODE														
12C140/222	08:49:10	SINGLE	65.0/ 67.5	30	.04	4/2	1	1	REC/UH	16K	-17	123.3/30.7	245/-27	064/06:57:30	00:15.8	
		SUN	ISDR 71	64	7	0	0		56.20	2.05		DN0031/22	1			
		AM SUN DIODE														
12C141/222	09:06:40	SINGLE	67.5/ 70.0	30	.04	4/2	1	1	REC/UH	16K	-15	126.3/33.9	248/-31	064/07:15:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		57.01	2.31		DN0031/23	1			
		AM SUN DIODE														
11C142/222	09:09:40	SINGLE	245.0/247.5	30	.04	4/2	1	1	REC/UH	16K	-15	126.9/34.4	64/-31	064/07:18:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.01	3.87		DN0031/24	1			
		AM SUN DIODE														
12C143/222	09:31:40	COLOR	82.5/127.5	10	.12	1/1	1	5	REC/UH	16K	-15	131.2/38.3	252/-35	064/07:40:00	04:02.5	
		BLU	ISDR 377	377	1	0	0		106.64	58.88		DN0031/25	1			
		GRN	ISDR 377	377	1	0	0		100.86	60.56		DN0031/26	1			
		RED	ISDR 376	377	1	1	1		103.60	59.90		DN0031/27	1			
		AM SKY BRIGHTNESS														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C144/222 14:56:50	COLOR	120.0/165.0	10	.12	1/1	1	5	REC/UH	16K	2	232.1/35.3	353/-37	064/13:05:09	04:02.5	
	BLU	ISDR 377	377	1	0	0		104.56	55.31		DN0031/28	1			
	GRN	ISDR 376	377	1	1	1		99.08	56.44		DN0031/29	1			
	RED	ISDR 377	377	1	0	0		97.65	55.90		DN0031/30	1			
	AM SKY BRIGHTNESS														
12C145/222 15:26:40	SINGLE	177.5/180.0	30	.04	4/2	1	1	REC/UH	16K	4	237.3/29.9	358/-31	064/13:34:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		59.80	10.20		DN0031/31	1			
	PM SUN DIODE														
12C146/222 16:16:40	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	2	244.5/20.0	6/-22	064/14:24:59	00:15.8	
	SUN	ISDR 69	64	5	0	0		59.00	.74		DN0031/32	1			
	PM SUN DIODE														
11C147/224 10:59:59	SINGLE	150.0/210.0	0	.04	5/2	1	3	REC/UH	16K	-10	155.3/49.9	91/-47	066/10:27:29	05:22.5	
	BB4	ISDR 1506	1501	5	0	0		189.35	45.04		DN0032/01	2			
	DRIFTS														
12C148/231 14:21:59	SINGLE	12.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	2	222.4/40.2	342/-41	073/18:26:36	02:02.5	
	BB2	ISDR 571	564	7	0	0		161.41	40.23		DN0032/02	1			
	SUPPORT TRENCH														
11C149/232 06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	110.7/ 6.9	49/ -4	074/11:44:11	00:11.4	
	BB1	ISDR 50	43	7	0	0		116.86	58.85		DN0032/03	1			
	SCAN VER														
11C150/232 07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	110.7/ 6.9	49/- 4	074/11:44:22	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0032/04	1			
	CALIBRATION FRAME														
12C151/232 07:09:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	111.8/ 9.0	234/ -6	074/11:54:11	00:11.4	
	BB1	ISDR 50	43	7	0	0		61.78	24.09		DN0032/05	1			
	SCAN VER														
12C152/232 07:10:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	111.7/ 9.0	234/- 6	074/11:54:22	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0032/06	1			
	CALIBRATION FRAME														
12C153/232 12:19:59	COLOR	280.0/315.0	-20	.12	1/1	1	5	REC/UH	16K	-4	184.0/51.4	303/-50	074/17:04:11	03:09.1	
	BLU	ISDR 294	294	1	0	0		48.65	23.77		DN0032/07	1			
	GRN	ISDR 294	294	1	0	0		50.88	23.63		DN0032/08	1			
	RED	ISDR 294	294	1	0	0		63.93	27.33		DN0032/09	1			
	LANDER														
12C154/232 12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	0	198.5/49.6	317/-49	074/17:44:11	00:11.4	
	BB1	ISDR 50	43	7	0	0		45.55	22.37		DN0032/10	1			
	SCAN VER														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C155/232 13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	198.5/49.5	317/-49	074/17:44:22	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0032/11	1			
	CALIBRATION FRAME														
11C156/232 13:09:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	201.8/48.8	137/-49	074/17:54:11	00:11.4	
	BB1	ISDR 52	43	9	0	0		65.90	54.87		DN0032/12	1			
	SCAN VER														
11C157/232 13:10:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	201.9/48.8	137/-49	074/17:54:22	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0032/13	1			
	CALIBRATION FRAME														
12C158/232 13:19:59	SINGLE	55.0/117.5	-50	.04	8/2	1	3	REC/UH	16K	2	205.1/47.9	324/-48	074/18:04:11	05:35.8	
	BB1	ISDR 1568	1564	5	1	1		146.55	36.53		DN0032/14	2			
	DURICRUST														
12C159/232 13:26:59	SINGLE	70.0/115.0	0	.04	5/2	1	3	REC/UH	16K	2	207.3/47.2	326/-47	074/18:11:11	04:02.5	
	BB4	SDR 912	1126	8	222	4		162.21	49.92		DN0032/15	2			
	DRIFT														
11C160/239 07:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	111.7/ 5.8	50/ -2	081/16:21:19	00:11.4	
	BB1	ISDR 50	43	7	0	0		117.00	58.70		DN0032/16	1			
	SCAN VER														
11C161/239 07:00:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	111.7/ 5.7	50/- 2	081/16:21:30	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0032/17	1			
	CALIBRATION FRAME														
11C162/239 10:00:00	SINGLE	150.0/220.0	-10	.04	13/2	1	3	REC/UH	16K	-15	139.2/39.2	76/-36	081/19:21:19	06:15.8	
	BB3	ISDR 1757	1751	7	1	1		187.44	44.28		DN0032/18	3			
	DRIFTS														
12C163/239 11:10:00	COLOR	280.0/315.0	-20	.12	1/1	1	4	REC/UH	16K	-10	158.5/47.4	278/-45	081/20:31:18	03:09.1	
	BLU	ISDR 293	0	0	0	0		89.60	45.17		DN0032/19	1			
	GRN	ISDR 293	0	0	0	0		97.81	47.62		DN0032/20	1			
	RED	ISDR 292	0	0	1	1		124.63	53.25		DN0032/21	1			
	RTCS AND GRID														
12C164/239 12:49:59	SINGLE	285.0/292.5	-20	.04	8/2	1	3	REC/UH	16K	-2	193.5/49.0	312/-48	081/22:11:18	00:42.5	
	BB1	ISDR 196	189	7	0	0		170.38	50.15		DN0032/22	1			
	RTC MAGNET														
12C165/239 12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	196.9/48.4	316/-48	081/22:21:18	00:11.4	
	BB1	ISDR 51	43	8	0	0		45.17	21.45		DN0032/23	1			
	SCAN VER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C166/239	13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	196.9/48.4	316/-48	081/22:21:29	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0032/24	1			
		CALIBRATION FRAME														
12C167/239	15:36:10	SINGLE	175.0/177.5	30	.04	4/2	1	1	REC/UH	16K	2	234.6/27.1	356/-29	082/00:57:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	59.03	.63		DN0032/25	1			
		PM SUN DIODE														
12C168/239	16:08:40	SINGLE	180.0/182.5	30	.04	4/2	1	0	REC/UH	16K	2	239.4/20.9	1/-23	082/01:29:59	00:15.8	
		SUN	ISDR	75	64	11	0	0	115.33	9.05		DN0032/26	1			
		PM SUN DIODE														
12C169/239	17:41:10	COLOR	195.0/195.0	10	.12	1/1	1	4	REC/UH	250	2	249.9/ 2.1	12/ -4	082/03:02:29	25:02.5	R
		BLU	SDR	35	2	35	1	1	31.56	8.40		DN0032/27	1			
		GRN	SDR	35	2	35	1	1	29.57	7.62		DN0032/28	1			
		RED	SDR	35	2	35	1	1	27.88	5.36		DN0032/29	1			
		PM TWILIGHT RESCAN														
12C170/239	18:07:40	COLOR	197.5/197.5	10	.12	1/1	1	2	REC/UH	250	-2	252.3/-3.5	15/ 1	082/03:28:59	25:02.5	R
		BLU	SDR	35	2	35	1	1	39.13	10.17		DN0032/30	1			
		GRN	SDR	35	2	35	1	1	37.85	8.03		DN0032/31	1			
		RED	SDR	35	2	35	1	1	37.25	6.42		DN0032/32	1			
		PM TWILIGHT RESCAN														
12C171/239	18:34:10	COLOR	197.5/197.5	10	.12	1/1	1	0	REC/UH	250	-2	254.5/-9.3	17/ 6	082/03:55:29	25:02.5	R
		BLU	SDR	35	2	35	1	1	124.81	4.15		DN0032/33	1			
		GRN	SDR	35	2	35	1	1	124.17	3.42		DN0032/34	1			
		RED	SDR	35	2	35	1	1	124.61	2.58		DN0032/35	1			
		PM TWILIGHT RESCAN														
12C172/240	05:18:35	COLOR	47.5/ 47.5	10	.12	1/1	1	0	REC/UH	250	0	103.0/-16	225/ 19	082/15:19:30	25:02.5	R
		BLU	SDR	35	2	35	1	1	129.22	7.94		DN0032/36	1			
		GRN	SDR	35	2	35	1	1	128.14	6.04		DN0032/37	1			
		RED	SDR	35	2	35	1	1	127.72	4.64		DN0032/38	1			
		AM TWILIGHT RESCAN														
12C173/240	05:45:05	COLOR	50.0/ 50.0	10	.12	1/1	1	2	REC/UH	250	-19	105.1/-10	227/ 13	082/15:46:00	25:02.5	R
		BLU	SDR	35	2	35	1	1	45.01	16.05		DN0032/39	1			
		GRN	SDR	35	2	35	1	1	42.09	11.77		DN0032/40	1			
		RED	SDR	35	2	35	1	1	40.67	8.78		DN0032/41	1			
		AM TWILIGHT RESCAN														
12C174/240	06:11:35	COLOR	52.5/ 52.5	10	.12	1/1	1	4	REC/UH	250	-17	107.4/-4.7	230/ 7	082/16:12:30	25:02.5	R
		BLU	SDR	35	2	35	1	1	38.86	12.59		DN0032/42	1			
		GRN	SDR	35	2	35	1	1	33.31	9.01		DN0032/43	1			
		RED	SDR	35	2	35	1	1	29.91	6.49		DN0032/44	1			
		AM TWILIGHT RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C175/240	08:34:05	SINGLE	65.0/ 67.5	30	.04	4/2	1	0	REC/UH	16K	-12	123.3/24.4	245/-21	082/18:35:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		113.32	3.72		DN0032/45	1			
		AM SUN DIODE														
12C176/240	08:51:35	SINGLE	67.5/ 70.0	30	.04	4/2	1	1	REC/UH	16K	-12	126.0/27.6	248/-24	082/18:52:30	00:15.8	
		SUN	ISDR 71	64	7	0	0		58.95	1.13		DN0032/46	1			
		AM SUN DIODE														
11C177/240	08:55:05	SINGLE	245.0/247.5	30	.04	4/2	1	1	REC/UH	16K	-19	126.6/28.3	64/-25	082/18:56:00	00:15.8	
		SUN	ISDR 73	64	9	0	0		66.66	6.11		DN0033/01	1			
		AM SUN DIODE														
12C178/240	09:21:35	SINGLE	72.5/ 75.0	30	.04	4/2	1	1	REC/UH	16K	-12	131.2/32.9	253/-30	082/19:22:30	00:15.8	
		SUN	ISDR 69	64	5	0	0		58.97	1.48		DN0033/02	1			
		AM SUN DIODE														
12C179/240	14:32:54	SINGLE	7.5/320.0	-10	.12	14/3	1	3	RT/UH	16K	-12	222.5/37.7	343/-39	083/00:33:49	10:00.0	
		SURV	ISDR 2811	2605	207	1	1		157.78	50.68		DN0033/03	4			
		PANORAMA														
11C180/246	05:21:58	SINGLE	130.0/250.0	-10	.04	3/2	1	4	RT/UH	16K	-19	104.2/-16	42/ 19	088/19:20:24	08:00.0	
		RED	ISDR 415	0	0	2586	1		101.04	62.31		DN0033/04	4			
		RADIO SCIENCE														
11C181/246	08:31:33	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-21	123.5/22.7	61/-19	088/22:29:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.83	1.19		DN0033/05	1			
		AM SUN DIODE														
11C182/246	09:59:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-17	139.5/37.7	76/-35	088/23:58:25	00:29.2	
		BLU	ISDR 44	44	1	0	0		88.89	42.76		DN0033/06	1			
		GRN	ISDR 43	44	1	1	1		112.87	51.66		DN0033/07	1			
		RED	ISDR 43	44	1	1	1		134.01	56.10		DN0033/08	1			
		RTC														
12C183/246	10:59:59	SINGLE	5.0/ 35.0	-10	.04	13/2	1	4	REC/UH	16K	-13	155.2/45.0	275/-43	089/00:58:25	02:42.5	
		BB3	ISDR 758	751	7	0	0		113.78	38.24		DN0033/09	1			
		TRENCHES														
12C184/246	14:59:59	SINGLE	70.0/115.0	0	.04	5/2	1	3	REC/UH	16K	0	226.6/33.1	347/-34	089/04:58:25	04:02.5	
		BB4	ISDR 1132	1126	7	1	1		138.04	44.25		DN0033/10	2			
		DRIFTS														
11C185/247	04:06:45	SINGLE	130.0/250.0	-10	.04	3/2	1	4	RT/UH	16K	-19	98.9/-33	37/ 36	089/18:44:46	08:00.0	
		RED	ISDR 803	0	0	2198	7		78.43	49.31		DN0033/11	4			
		RADIO SCIENCE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C186/248	08:37:23	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-17	124.6/23.4	62/-20	090/23:54:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.39	4.45		DN0033/12	1			
		AM SUN DIODE														
12C187/250	16:00:00	SINGLE	102.5/110.0	-20	.04	0/2	1	2	REC/UH	16K	0	235.7/22.4	357/-24	093/08:36:47	00:42.5	
		BS2	ISDR 196	189	7	0	0		158.80	37.93		DN0033/13	1			
		DUMP SITE														
11C188/251	08:33:37	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-17	124.2/22.1	62/-19	094/01:49:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		63.28	11.11		DN0033/14	1			
		AM SUN DIODE														
11C189/252	08:34:02	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-17	124.4/22.0	62/-19	095/02:29:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		63.16	11.77		DN0033/15	1			
		AM SUN DIODE														
11C190/254	08:29:52	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-17	123.9/20.9	62/-18	097/03:45:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.37	1.98		DN0033/16	1			
		AM SUN DIODE														
12C191/255	14:20:00	SINGLE	17.5/ 25.0	-20	.04	0/2	1	3	REC/UH	16K	0	215.8/38.6	336/-39	098/10:14:43	00:42.5	
		BS2	ISDR 196	189	7	0	0		165.07	61.46		DN0033/17	1			
		SSCA MONOSCOPIC														
12C192/255	14:30:00	SINGLE	20.0/ 20.0	-10	.04	14/2	1	3	REC/UH	16K	0	218.1/37.2	338/-38	098/10:24:43	02:42.5	R
		SURV	ISDR 756	1	755	0	0		183.07	54.22		DN0033/18	1			
		SURFACE RESCAN														
11C193/256	08:30:41	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-19	124.2/20.6	62/-17	099/05:04:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		63.41	9.07		DN0033/19	1			
		AM SUN DIODE														
11C194/257	08:31:05	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-19	124.3/20.5	62/-17	100/05:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.60	1.71		DN0033/20	1			
		AM SUN DIODE														
12C195/258	08:41:31	SINGLE	67.5/ 70.0	30	.04	4/2	1	0	REC/UH	16K	-17	125.8/22.2	248/-19	101/06:34:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		112.04	4.06		DN0033/21	1			
		DIURNAL SUN														
12C196/258	08:44:00	SINGLE	167.5/250.0	10	.12	1/3	1	4	REC/UH	16K	-17	126.2/22.7	248/-19	101/06:37:28	02:29.1	
		BLU	ISDR 695	689	7	1	1		90.22	44.13		DN0033/22	1			
		AM SKY BRIGHTNESS														
11C197/258	09:06:01	SINGLE	247.5/250.0	30	.04	4/2	1	1	REC/UH	16K	-17	129.6/26.6	67/-23	101/06:59:29	00:15.8	
		SUN	ISDR 71	64	7	0	0		65.89	3.05		DN0033/23	1			
		DIURNAL SUN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C198/258	09:47:01	SINGLE	255.0/257.5	30	.04	4/2	1	1	REC/UH	16K	-15	137.0/33.3	74/-30	101/07:40:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	64.91	4.02		DN0033/24	1			
		DIURNAL SUN														
12C199/258	10:17:49	COLOR	37.5/ 77.5	10	.12	1/1	1	5	REC/UH	16K	-12	143.7/37.7	265/-35	101/08:11:18	03:35.8	
		BLU	ISDR	335	335	1	0	0	115.28	79.06		DN0033/25	1			
		GRN	ISDR	335	335	1	0	0	116.76	77.03		DN0033/26	1			
		RED	ISDR	334	335	1	1	1	121.43	71.06		DN0033/27	1			
		AM SKY BRIGHTNESS														
12C200/258	14:37:49	COLOR	112.5/152.5	10	.12	1/1	1	5	REC/UH	16K	2	219.1/36.0	339/-37	101/12:31:18	03:35.8	
		BLU	ISDR	325	335	1	10	1	112.60	77.79		DN0033/28	1			
		GRN	ISDR	325	335	1	10	2	114.31	75.82		DN0033/29	1			
		RED	ISDR	325	335	1	10	2	117.04	71.14		DN0033/30	1			
		PM SKY BRIGHTNESS														
12C201/258	15:19:00	SINGLE	167.5/170.0	30	.04	4/2	1	1	REC/UH	16K	4	227.3/29.6	348/-31	101/13:12:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	59.13	2.80		DN0033/31	1			
		DIURNAL SUN														
12C202/258	15:49:00	SINGLE	172.5/175.0	30	.04	4/2	1	1	REC/UH	16K	4	232.3/24.5	353/-26	101/13:42:29	00:15.8	
		SUN	ISDR	71	64	7	0	0	59.13	3.11		DN0033/32	1			
		DIURNAL SUN														
12C203/258	16:19:30	SINGLE	177.5/180.0	30	.04	4/2	1	0	REC/UH	16K	2	236.7/18.9	358/-20	101/14:12:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	115.68	2.74		DN0033/33	1			
		DIURNAL SUN														
11C204/258	16:21:30	SINGLE	175.0/257.5	10	.12	1/3	1	4	REC/UH	16K	0	236.9/18.5	174/-20	101/14:14:59	02:29.1	
		BLU	ISDR	698	689	9	0	0	55.11	22.77		DN0033/34	1			
		PM SKY BRIGHTNESS														
11C205/259	08:31:55	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-19	124.5/20.3	62/-17	102/07:04:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	64.32	14.95		DN0033/35	1			
		AM SUN DIODE														
12C206/259	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	192.4/45.7	311/-45	102/11:33:03	00:11.4	
		BB1	ISDR	50	43	7	0	0	52.64	33.24		DN0033/36	1			
		SCAN VER														
12C207/259	13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	192.4/45.6	312/-45	102/11:33:14	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0033/37	1			
		CALIBRATION FRAME														
11C208/260	08:32:20	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-17	124.6/20.2	62/-17	103/07:44:59	00:15.8	
		SUN	ISDR	45	0	0	19	1	79.60	43.81		DN0034/01	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C209/260	13:27:10	COLOR	112.5/320.0	10	.12	1/1	1	5	REC/UH	16K	-17	200.4/43.8	136/-44	103/12:39:49	18:33.0	
		BLU	ISDR 1737	376	7	0	0		107.30	29.06		DN0034/02	1			
		GRN	ISDR 1737	376	7	0	0		107.30	29.06		DN0034/03	1			
		RED	ISDR 1737	376	7	0	0		107.30	29.06		DN0034/04	1			
		PM SKY BRIGHTNESS														
11C210/260	14:29:59	SINGLE	150.0/170.0	-10	.04	5/2	1	2	REC/UH	16K	4	216.9/37.0	153/-38	103/13:42:39	01:49.2	
		BB4	ISDR 510	501	9	0	0		176.50	51.27		DN0034/05	1			
		MULTI DN OF BIG JOE														
11C211/260	14:34:59	SINGLE	150.0/170.0	-10	.04	5/2	5	2	REC/UH	16K	4	218.0/36.3	154/-37	103/13:47:39	01:49.2	
		BB4	ISDR 508	501	7	0	0		168.66	63.00		DN0034/06	1			
		MULTI DN OF BIG JOE														
11C212/260	14:39:59	SINGLE	150.0/170.0	-10	.04	5/2	9	2	REC/UH	16K	4	219.1/35.6	155/-36	103/13:52:39	01:49.2	
		BB4	ISDR 510	501	9	0	0		60.90	37.60		DN0034/07	1			
		MULTI DN OF BIG JOE														
12C213/260	14:44:59	COLOR	55.0/155.0	-30	.12	1/1	1	3	REC/UH	16K	4	220.2/34.9	340/-36	103/13:57:39	08:55.8	
		BLU	ISDR 520	0	0	314	3		116.18	52.02		DN0034/08	1			
		GRN	ISDR 516	0	0	318	7		125.50	49.39		DN0034/09	1			
		RED	ISDR 519	0	0	315	4		157.68	51.09		DN0034/10	1			
		FINES														
11C214/261	08:32:44	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	4	124.7/20.0	63/-17	104/08:24:59	00:15.8	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0034/11	1			
		AM SUN DIODE														
11C215/261	12:08:35	SINGLE	.0/332.5	-10	.12	14/3	1	4	REC/UH	16K	12	175.2/46.2	111/-45	104/12:00:50	10:37.0	
		SURV	ISDR 2779	376	7	0	0		107.30	29.06		DN0034/12	1			
		PANORAMA														
11C216/262	08:33:10	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-19	124.8/19.9	63/-17	105/09:04:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.47	1.92		DN0034/13	1			
		AM SUN DIODE														
11C217/262	12:59:59	SINGLE	235.0/260.0	-50	.04	8/2	1	3	REC/UH	16K	-4	191.7/45.3	127/-45	105/13:31:49	02:15.8	
		BS1	ISDR 629	626	3	0	0		190.65	28.94		DN0034/14	1			
		FINES														
11C218/263	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	114.2/ 1.5	52/ 1	106/08:11:24	00:11.4	
		BB1	ISDR 48	43	5	0	0		115.37	57.30		DN0034/15	1			
		SCAN VER														
11C219/263	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	114.2/ 1.4	52/ 1	106/08:11:35	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0034/16	1			
		CALIBRATION FRAME														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C220/263 08:33:34	SINGLE	242.5/245.0	20	.04	4/2	1	1	REC/UH	16K	-19	124.9/19.8	63/-17	106/09:44:59	00:15.8	
	SUN	ISDR 69	64	5	0	0		62.79	3.08		DN0034/17	1			
	AM SUN DIODE														
11C221/264 09:33:59	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-19	134.6/30.1	72/-27	107/11:24:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		64.09	3.00		DN0034/18	1			
	AM SUN DIODE														
11C222/265 09:34:23	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-15	134.6/30.0	72/-27	108/12:04:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		65.47	3.80		DN0034/19	1			
	AM SUN DIODE														
11C223/266 09:34:49	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-19	134.7/29.9	72/-27	109/12:45:00	00:15.8	
	SUN	ISDR 71	64	7	0	0		65.85	2.46		DN0034/20	1			
	AM SUN DIODE														
11C224/267 09:35:13	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-17	134.8/29.7	72/-27	110/13:24:59	00:15.8	
	SUN	ISDR 69	64	5	0	0		66.68	2.76		DN0034/21	1			
	AM SUN DIODE														
12C225/267 12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	190.5/44.8	310/-44	110/16:49:45	00:11.4	
	BB1	ISDR 48	43	5	0	0		45.70	21.74		DN0034/22	1			
	SCAN VER														
12C226/267 13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	190.5/44.7	310/-44	110/16:49:56	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0034/23	1			
	CALIBRATION FRAME														
11C227/268 03:22:59	SINGLE	130.0/200.0	0	.04	1/2	1	3	RT/UH	16K	-19	99.6/-46	37/ 49	111/07:52:21	06:21.0	
	BLU	ISDR 1222	0	0	529	1		38.55	35.06		DN0034/24	3			
	RADIO TEST LINK														
11C228/268 09:35:38	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-15	134.8/29.6	72/-27	111/14:04:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		65.84	3.89		DN0034/25	1			
	AM SUN DIODE														
12C229/268 10:59:59	COLOR	280.0/315.0	-20	.12	1/1	1	4	REC/UH	16K	-10	153.7/40.8	274/-38	111/15:29:20	03:09.1	
	BLU	ISDR 294	294	1	0	0		98.13	50.20		DN0034/26	1			
	GRN	ISDR 293	294	1	1	1		106.37	52.38		DN0034/27	1			
	RED	ISDR 293	294	1	1	1		128.83	55.27		DN0034/28	1			
	GRID AND CHARTS														
12C230/268 11:03:59	IR	285.0/312.5	-20	.12	9/1	1	4	REC/UH	16K	-8	154.7/41.2	275/-39	111/15:33:20	02:29.2	
	IR3	SDR 230	0	0	0	0		94.37	37.47		DN0034/29	1			
	IR2	SDR 230	0	0	0	0		94.45	37.92		DN0034/30	1			
	IR1	SDR 229	0	0	1	1		112.20	45.12		DN0034/31	1			
	GRID AND CHARTS														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C231/269 01:55:23	SINGLE	180.0/320.0	-10	.12	3/3	1	0	RT/UH	16K	-17	95.5/-65	32/ 68	112/07:04:20	06:52.0	
	RED	ISDR	1931	1168 763	0	0		123.23	6.96		DN0034/32	3			
	RADIO TEST - SURFACE AT NIGHT														
11C232/269 07:41:58	COLOR	210.0/210.0	-20	.12	1/1	1	2	REC/UH	250	-17	118.8/ 8.8	57/ -5	112/12:50:55	50:34.5	R
	BLU	SDR	71	2 71	1	1		70.57	24.29		DN0035/01	1			
	GRN	SDR	71	2 71	1	1		90.78	33.56		DN0035/02	1			
	RED	SDR	71	2 71	1	1		127.55	45.90		DN0035/03	1			
	ALL DAY RESCAN														
12C233/269 08:41:58	COLOR	35.0/ 35.0	-20	.12	1/1	1	3	REC/UH	250	-21	126.2/20.2	248/-17	112/13:50:55	50:34.5	R
	BLU	SDR	71	2 71	1	1		80.84	37.23		DN0035/04	1			
	GRN	SDR	71	2 71	1	1		96.89	45.89		DN0035/05	1			
	RED	SDR	71	2 71	1	1		128.11	56.82		DN0035/06	1			
	ALL DAY RESCAN														
11C234/269 09:41:58	COLOR	210.0/210.0	-20	.12	1/1	1	3	REC/UH	250	-21	136.0/30.4	73/-27	112/14:50:55	50:34.5	R
	BLU	SDR	71	2 71	1	1		80.17	38.07		DN0035/07	1			
	GRN	SDR	71	2 71	1	1		110.57	53.89		DN0035/08	1			
	RED	SDR	71	2 71	1	1		141.61	62.71		DN0035/09	1			
	ALL DAY RESCAN														
12C235/269 10:41:58	COLOR	35.0/ 35.0	-20	.12	1/1	1	4	REC/UH	250	-13	149.0/38.7	270/-36	112/15:50:55	50:34.5	R
	BLU	SDR	71	2 71	1	1		81.02	37.99		DN0035/10	1			
	GRN	SDR	71	2 71	1	1		93.66	38.75		DN0035/11	1			
	RED	SDR	71	2 71	1	1		121.59	45.61		DN0035/12	1			
	ALL DAY RESCAN														
11C236/269 11:41:58	COLOR	210.0/210.0	-20	.12	1/1	1	4	REC/UH	250	-10	165.5/43.9	101/-42	112/16:50:55	50:34.5	R
	BLU	SDR	71	2 71	1	1		92.32	62.18		DN0035/13	1			
	GRN	SDR	71	2 71	1	1		80.30	41.64		DN0035/14	1			
	RED	SDR	71	2 71	1	1		115.42	51.60		DN0035/15	1			
	ALL DAY RESCAN														
12C237/269 12:41:59	COLOR	35.0/ 35.0	-20	.12	1/1	1	4	REC/UH	250	-4	184.4/45.1	304/-44	112/17:50:56	50:34.5	R
	BLU	SDR	71	2 71	1	1		111.17	60.40		DN0035/16	1			
	GRN	SDR	71	2 71	1	1		115.43	54.61		DN0035/17	1			
	RED	SDR	71	2 71	1	1		135.08	50.37		DN0035/18	1			
	ALL DAY RESCAN														
11C238/269 13:41:59	COLOR	210.0/210.0	-20	.12	1/1	1	4	REC/UH	250	0	202.5/41.9	138/-42	112/18:50:56	50:34.5	R
	BLU	SDR	71	2 71	1	1		78.59	43.79		DN0035/19	1			
	GRN	SDR	71	2 71	1	1		103.32	60.27		DN0035/20	1			
	RED	SDR	71	2 71	1	1		129.70	59.65		DN0035/21	1			
	ALL DAY RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR. AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12C239/269	14:41:59	COLOR	35.0/ 35.0		-20 .12	1/1	1	4	REC/UH	250	4	217.4/35.1	338/-36	112/19:50:56	50:34.5	R
		BLU	SDR	71	2 71	1	1		84.35	39.59		DN0035/22	1			
		GRN	SDR	71	2 71	1	1		96.40	43.45		DN0035/23	1			
		RED	SDR	72	2 71	0	0		120.54	45.58		DN0035/24	1			
		ALL DAY RESCAN														
11C240/269	16:13:59	COLOR	210.0/210.0		-20 .12	1/1	1	2	REC/UH	250	6	233.7/20.3	171/-22	112/21:22:56	50:34.5	R
		BLU	SDR	71	2 71	1	1		98.01	46.49		DN0035/25	1			
		GRN	SDR	71	2 71	1	1		117.69	49.65		DN0035/26	1			
		RED	SDR	71	2 71	1	1		143.23	51.57		DN0035/27	1			
		ALL DAY RESCAN														
11C241/270	09:36:28	SINGLE	252.5/255.0		30 .04	4/2	1	1	REC/UH	16K	-17	135.0/29.4	72/-26	113/15:25:00	00:15.8	
		SUN	ISDR	71	64 7	0	0		65.62	4.14		DN0035/28	1			
		AM SUN DIODE														
12C242/270	13:14:59	SINGLE	17.5/ 22.5		-20 .04	8/2	1	2	REC/UH	16K	-2	194.4/43.8	314/-43	113/19:03:30	00:29.2	
		BB1	ISDR	130	126 5	1	1		165.31	42.34		DN0035/29	1			
		SSCA SUPPORT														
12C243/270	13:16:29	SINGLE	17.5/ 22.5		-20 .04	8/2	5	3	REC/UH	16K	-2	194.9/43.7	314/-43	113/19:05:00	00:29.2	
		BB1	ISDR	134	126 8	0	0		127.51	48.96		DN0035/30	1			
		SSCA SUPPORT														
11C244/270	13:24:03	SINGLE	225.0/230.0		-30 .04	8/2	1	2	REC/UH	16K	-2	197.1/43.3	132/-43	113/19:12:34	00:29.2	
		BB1	ISDR	134	126 8	0	0		179.37	35.81		DN0035/31	1			
		SSCA SUPPORT														
11C245/270	13:25:33	SINGLE	225.0/230.0		-30 .04	8/2	5	3	REC/UH	16K	-2	197.6/43.2	133/-43	113/19:14:04	00:29.2	
		BB1	ISDR	134	126 8	0	0		103.20	31.57		DN0035/32	1			
		SSCA SUPPORT														
11C246/270	13:31:58	SINGLE	232.5/237.5		-10 .04	8/2	1	2	REC/UH	16K	-2	199.4/42.7	135/-42	113/19:20:29	00:29.2	
		BB1	ISDR	134	126 8	0	0		175.17	43.65		DN0035/33	1			
		SSCA SUPPORT														
11C247/270	13:33:28	SINGLE	232.5/237.5		-10 .04	8/2	5	3	REC/UH	16K	-2	199.9/42.6	135/-42	113/19:21:59	00:29.2	
		BB1	ISDR	133	126 8	1	1		102.94	43.98		DN0035/34	1			
		SSCA SUPPORT														
11C248/270	13:44:01	SINGLE	232.5/237.5		-10 .04	8/2	1	2	REC/UH	16K	0	202.8/41.7	138/-42	113/19:32:32	00:29.2	
		BB1	ISDR	134	126 8	0	0		174.83	44.21		DN0035/35	1			
		SSCA SUPPORT														
11C249/270	13:45:31	SINGLE	232.5/237.5		-10 .04	8/2	5	3	REC/UH	16K	0	203.3/41.6	139/-41	113/19:34:02	00:29.2	
		BB1	ISDR	134	126 8	0	0		101.09	42.63		DN0035/36	1			
		SSCA SUPPORT														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11C250/270	13:53:55	SINGLE	232.5/237.5	-10	.04	8/2	1	3	REC/UH	16K	0	205.5/40.8	141/-41	113/19:42:26	00:29.2	
		BB1	ISDR	134	126	8	0	0	168.59	51.82		DN0035/37	1			
		SSCA SUPPORT														
11C251/270	14:04:50	SINGLE	232.5/237.5	-10	.04	8/2	1	2	REC/UH	16K	0	208.4/39.7	144/-40	113/19:53:21	00:29.2	
		BB1	ISDR	134	126	8	0	0	174.46	44.95		DN0035/38	1			
		SSCA SUPPORT														
11C252/270	14:06:20	SINGLE	232.5/237.5	-10	.04	8/2	5	3	REC/UH	16K	0	208.8/39.5	145/-40	113/19:54:51	00:29.2	
		BB1	ISDR	134	126	8	0	0	96.10	39.69		DN0035/39	1			
		SSCA SUPPORT														
11C253/270	14:15:29	SINGLE	232.5/237.5	-10	.04	8/2	1	2	REC/UH	16K	0	211.1/38.5	147/-39	113/20:04:00	00:29.2	
		BB1	ISDR	134	126	8	0	0	175.90	45.11		DN0035/40	1			
		SSCA SUPPORT														
11C254/270	14:16:59	SINGLE	232.5/237.5	-10	.04	8/2	5	3	REC/UH	16K	0	211.4/38.3	147/-39	113/20:05:30	00:29.2	
		BB1	ISDR	134	126	8	0	0	91.94	37.81		DN0035/41	1			
		SSCA SUPPORT														
11C255/270	14:25:42	SINGLE	232.5/237.5	-10	.04	8/2	1	2	REC/UH	16K	0	213.5/37.3	149/-38	113/20:14:13	00:29.2	
		BB1	ISDR	134	126	8	0	0	176.44	46.13		DN0035/42	1			
		SSCA SUPPORT														
11D000/270	14:27:12	SINGLE	232.5/237.5	-10	.04	8/2	5	3	REC/UH	16K	0	213.9/37.1	150/-38	113/20:15:43	00:29.2	
		BB1	ISDR	134	126	8	0	0	87.95	36.20		DN0035/43	1			
		SSCA SUPPORT														
12D001/270	14:35:04	SINGLE	17.5/ 22.5	-20	.04	8/2	1	2	REC/UH	16K	2	215.7/36.1	336/-37	113/20:23:35	00:29.2	
		BB1	ISDR	134	126	8	0	0	159.97	44.30		DN0035/44	1			
		SSCA SUPPORT														
12D002/270	14:36:34	SINGLE	17.5/ 22.5	-20	.04	8/2	5	3	REC/UH	16K	2	216.0/35.9	336/-36	113/20:25:05	00:29.2	
		BB1	ISDR	132	126	6	0	0	107.53	36.68		DN0035/45	1			
		SSCA SUPPORT														
11D003/271	10:15:22	COLOR	117.5/230.0	-10	.12	1/1	1	4	REC/UH	16K	2	142.7/35.0	80/-32	114/16:43:29	10:00.0	
		BLU	ISDR	946	376	7	0	0	107.30	29.06		DN0035/46	1			
		GRN	ISDR	946	376	7	0	0	107.30	29.06		DN0035/47	1			
		RED	ISDR	946	376	7	0	0	107.30	29.06		DN0035/48	1			
		RADIO TEST LINK														
11D004/271	10:26:02	SINGLE	180.0/320.0	-10	.12	3/3	1	0	RT/UH	16K	-25	145.0/36.4	82/-34	114/16:54:09	06:52.0	
		RED	ISDR	2918	105	1826	76	1	175.28	53.13		DN0035/49	3			
		RADIO TEST LINK														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D005/271	10:33:34	SINGLE	.0/330.0	-30	.12	14/3	1	3	RT/UH	16K	-25	146.8/37.3	84/-35	114/17:01:41	19:26.0	
		SURV	ISDR 5465	2751	2715	1	1		138.50	50.91		DN0036/01	8			
		PANORAMA														
11D006/271	11:18:42	SINGLE	130.0/200.0	0	.04	1/2	1	3	RT/UH	16K	-10	158.5/42.0	95/-40	114/17:46:49	06:21.0	
		BLU	ISDR 1786	1751	35	0	0		152.05	30.43		DN0036/02	3			
		BIG JOE														
11D007/271	11:25:43	SINGLE	130.0/200.0	0	.04	2/2	1	3	RT/UH	16K	-4	160.5/42.6	96/-40	114/17:53:50	06:21.0	
		GRN	ISDR 1786	1751	35	0	0		199.21	40.24		DN0036/03	3			
		BIG JOE														
11D008/271	11:32:44	SINGLE	130.0/200.0	0	.04	3/2	1	3	RT/UH	16K	-2	162.5/43.1	98/-41	114/18:00:51	06:21.0	
		RED	ISDR 1786	1751	35	0	0		181.45	46.36		DN0036/04	3			
		BIG JOE														
11D009/272	09:37:17	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-17	135.1/29.1	72/-26	115/16:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		65.65	4.53		DN0036/05	1			
		AM SUN DIODE														
11D010/274	09:38:06	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-19	135.2/28.9	73/-26	117/18:04:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		67.04	5.61		DN0036/06	1			
		AM SUN DIODE														
11D011/275	09:38:32	SINGLE	252.5/255.0	30	.04	4/2	1	1	REC/UH	16K	-15	135.2/28.8	73/-26	118/18:45:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.74	11.15		DN0036/07	1			
		AM SUN DIODE														
11D012/276	09:53:59	IR	35.0/ 40.0	-10	.12	9/1	1	3	REC/UH	16K	-17	138.0/31.0	75/-28	119/19:40:02	00:29.2	
		IR3	ISDR 44	44	1	0	0		165.73	59.95		DN0036/08	1			
		IR2	ISDR 43	44	1	1	1		149.81	55.04		DN0036/09	1			
		IR1	ISDR 43	44	1	1	1		150.63	51.25		DN0036/10	1			
		RTC														
11D013/276	09:56:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	3	REC/UH	16K	-17	138.6/31.4	76/-28	119/19:43:02	00:29.2	
		BLU	ISDR 44	44	1	0	0		131.79	44.25		DN0036/11	1			
		GRN	ISDR 43	44	1	1	1		153.45	42.37		DN0036/12	1			
		RED	ISDR 43	44	1	1	1		160.30	43.91		DN0036/13	1			
		RTC														
11D014/276	09:59:59	COLOR	157.5/170.0	-10	.12	1/1	1	3	REC/UH	16K	-17	139.2/31.9	76/-29	119/19:46:02	01:09.2	
		BLU	ISDR 106	106	1	0	0		117.14	47.32		DN0036/14	1			
		GRN	ISDR 104	106	1	2	2		147.43	46.83		DN0036/15	1			
		RED	ISDR 105	106	1	1	1		167.28	62.18		DN0036/16	1			
		BIG JOE SLUMP														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D015/276	10:02:59	IR	157.5/170.0	-10	.12	9/1	1	3	REC/UH	16K	-17	139.8/32.3	77/-29	119/19:49:02	01:09.2	
		IR3	ISDR	106	106	1	0	0	153.24	47.01		DN0036/17	1			
		IR2	ISDR	106	106	1	0	0	159.43	49.57		DN0036/18	1			
		IR1	ISDR	106	106	1	0	0	179.22	59.27		DN0036/19	1			
		BIG JOE SLUMP														
11D016/277	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	114.9/-1.1	53/ 4	120/17:25:37	00:11.4	
		BB1	ISDR	52	43	9	0	0	116.67	59.02		DN0036/20	1			
		SCAN VER														
11D017/277	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	114.8/- 1	53/ 3	120/17:25:48	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0036/21	1			
		CALIBRATION FRAME														
11D018/277	09:04:20	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.5/22.8	67/-20	120/19:29:58	00:15.8	
		SUN	ISDR	71	64	7	0	0	124.52	5.19		DN0036/22	1			
		AM SUN DIODE														
12D019/277	12:59:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	188.3/43.9	308/-43	120/23:25:37	00:11.4	
		BB1	ISDR	50	43	7	0	0	44.67	20.36		DN0036/23	1			
		SCAN VER														
12D020/277	13:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	188.3/43.9	308/-43	120/23:25:48	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0036/24	1			
		CALIBRATION FRAME														
11D021/279	09:05:11	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.6/22.5	67/-19	122/20:50:00	00:15.8	
		SUN	ISDR	71	64	7	0	0	123.94	5.10		DN0036/25	1			
		SUN DIODE														
11D022/280	09:20:35	SINGLE	250.0/252.5	20	.04	4/2	1	0	REC/UH	16K	-17	131.9/25.0	70/-22	123/21:45:00	00:15.8	
		SUN	ISDR	71	64	7	0	0	123.13	6.58		DN0036/26	1			
		SUN DIODE														
11D023/280	10:50:35	COLOR	247.5/267.5	10	.12	1/1	16	5	REC/UH	16K	-13	150.0/37.8	87/-35	123/23:14:59	01:49.2	
		BLU	ISDR	169	169	1	0	0	139.29	54.88		DN0036/27	1			
		GRN	ISDR	169	169	1	0	0	154.91	49.63		DN0036/28	1			
		RED	ISDR	169	169	1	0	0	150.60	50.63		DN0036/29	1			
		OCCULTATION IMAGE														
11D024/280	10:53:35	IR	252.5/272.5	10	.12	9/1	16	5	REC/UH	16K	-13	150.8/38.2	87/-36	123/23:17:59	01:49.2	
		IR3	SDR	168	0	0	0	0	113.01	58.32		DN0036/30	1			
		IR2	SDR	168	0	0	0	0	121.48	58.32		DN0036/31	1			
		IR1	SDR	167	0	0	1	1	136.58	54.36		DN0036/32	1			
		OCCULTATION IMAGE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D025/280	11:07:29	SINGLE	117.5/125.0	-10	.04	8/2	1	2	REC/UH	16K	-12	154.3/39.6	275/-37	123/23:31:53	00:42.5	
		BB1	ISDR 198	189	9	0	0		179.89	40.16		DN0036/33	1			
		SSCA SUPPORT														
12D026/280	11:12:59	SINGLE	115.0/125.0	-50	.04	8/2	1	2	REC/UH	16K	-10	155.7/40.1	276/-38	123/23:37:23	00:55.8	
		BB1	ISDR 259	251	8	0	0		176.31	31.98		DN0036/34	1			
		SSCA SUPPORT														
12D027/280	11:18:14	SINGLE	115.0/125.0	-50	.04	8/2	1	2	REC/UH	16K	-10	157.1/40.6	277/-38	123/23:42:38	00:55.8	
		BB1	ISDR 259	251	8	0	0		177.68	31.25		DN0036/35	1			
		SSCA SUPPORT														
11D028/280	11:40:59	SINGLE	295.0/300.0	-20	.04	8/2	1	3	REC/UH	16K	-8	163.5/42.3	99/-40	124/00:05:23	00:29.2	
		BB1	ISDR 134	126	8	0	0		152.63	56.95		DN0036/36	1			
		SSCA SUPPORT														
12D029/280	11:43:29	SINGLE	100.0/110.0	-20	.04	8/2	1	3	REC/UH	16K	-8	164.2/42.5	284/-40	124/00:07:53	00:55.8	
		BB1	ISDR 259	251	8	0	0		160.71	54.24		DN0036/37	1			
		SSCA SUPPORT														
11D030/280	12:00:59	SINGLE	220.0/227.5	-20	.04	8/2	1	3	REC/UH	16K	-8	169.4/43.4	105/-42	124/00:25:23	00:42.5	
		BB1	ISDR 198	189	9	0	0		175.85	54.72		DN0036/38	1			
		SSCA SUPPORT														
11D031/280	12:10:14	SINGLE	217.5/225.0	-30	.04	0/2	1	3	REC/UH	16K	-6	172.2/43.7	108/-42	124/00:34:38	00:42.5	
		BB2	ISDR 196	189	7	0	0		161.96	56.36		DN0037/01	1			
		SSCA SUPPORT														
12D032/280	12:13:29	SINGLE	30.0/ 35.0	-20	.04	8/2	1	3	REC/UH	16K	-6	173.2/43.8	293/-42	124/00:37:53	00:29.2	
		BB1	ISDR 132	126	6	0	0		173.82	51.57		DN0037/02	1			
		SSCA SUPPORT														
11D033/281	12:13:27	SINGLE	145.0/230.0	-20	.04	1/2	1	3	RT/UH	16K		173.0/43.7	109/-42	125/01:17:26	06:02.0	
		BLU	ISDR 285	0	0	1841	3		110.68	49.64		DN0037/03	3			
		RADIO SCIENCE														
11D034/281	13:59:59	SINGLE	160.0/250.0	-30	.04	0/2	1	3	REC/UH	16K	0	204.6/39.9	140/-40	125/03:03:58	08:02.5	
		BB2	ISDR 2255	2251	5	1	1		171.12	56.98		DN0037/04	3			
		ACCUMULATED FINES														
11D035/282	09:01:24	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	128.9/21.4	67/-18	125/22:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		123.98	5.17		DN0037/05	1			
		AM SUN DIODE														
12D036/282	09:59:59	SINGLE	70.0/115.0	0	.04	5/2	1	3	REC/UH	16K	-15	138.8/30.9	260/-28	125/23:43:34	04:02.5	
		BB4	ISDR 1134	1126	8	0	0		135.98	49.21		DN0038/01	2			
		RED / BLACK DRIFTS														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D037/282	11:01:05	SINGLE	145.0/230.0	-20	.04	1/2	1	3	RT/UH	16K	-10	152.4/38.7	89/-36	126/00:44:39	06:02.0	
		BLU	ISDR 305	0	0	1821	2		96.20	43.70		DN0038/02	3			
		RADIO SCIENCE														
12D038/282	11:44:59	COLOR	280.0/315.0	-20	.12	1/1	1	4	REC/UH	16K	-6	164.3/42.3	284/-40	126/01:28:34	03:09.1	
		BLU	ISDR 294	294	1	0	0		104.52	53.75		DN0038/03	1			
		GRN	ISDR 293	294	1	1	1		113.89	56.79		DN0038/04	1			
		RED	ISDR 293	294	1	1	1		136.49	59.72		DN0038/05	1			
		MON. GRID / CHARTS														
12D039/282	11:59:59	SINGLE	95.0/145.0	-30	.04	0/2	1	4	REC/UH	16K	-4	168.8/43.1	289/-41	126/01:43:34	04:29.1	
		BB2	ISDR 1257	1251	7	1	1		84.18	33.99		DN0038/06	2			
		ROCKY FLATS														
11D040/282	12:19:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	3	REC/UH	16K	-4	174.8/43.8	110/-42	126/02:03:34	00:29.2	
		BLU	ISDR 44	44	1	0	0		117.89	52.37		DN0038/07	1			
		GRN	ISDR 43	44	1	1	1		135.91	56.06		DN0038/08	1			
		RED	ISDR 43	44	1	1	1		136.02	53.34		DN0038/09	1			
		RTC														
12D041/282	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	0	187.1/43.6	307/-43	126/02:43:34	00:11.4	
		BB1	ISDR 50	43	7	0	0		45.20	20.66		DN0038/10	1			
		SCAN VER														
12D042/282	13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	187.1/43.6	307/-43	126/02:43:45	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0038/11	1			
		CALIBRATION FRAME														
12D043/282	13:04:59	SINGLE	5.0/ 35.0	-10	.04	13/2	1	4	REC/UH	16K	0	188.7/43.5	308/-43	126/02:48:34	02:42.5	
		BB3	ISDR 756	751	5	0	0		137.69	40.72		DN0038/12	1			
		TRENCHES														
12D044/282	16:00:00	SINGLE	55.0/117.5	-50	.04	8/2	1	3	REC/UH	16K	4	229.2/23.4	350/-25	126/05:43:35	05:35.8	
		BB1	ISDR 1573	1564	9	0	0		97.54	41.06		DN0038/13	2			
		DURICRUST														
11D045/283	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	115.0/-2.1	53/ 5	126/21:23:09	00:11.4	
		BB1	ISDR 51	43	8	0	0		114.64	57.09		DN0038/14	1			
		SCAN VER														
11D046/283	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	115.0/- 2	53/ 5	126/21:23:20	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0038/15	1			
		CALIBRATION FRAME														
11D047/283	09:01:49	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	128.9/21.3	67/-18	126/23:24:59	00:15.8	
		SUN	SDR 69	64	5	0	0		125.06	5.01		DN0038/16	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D048/283	10:06:59	SINGLE	145.0/230.0	-20	.04	1/2	1	3	RT/UH	16K	-27	140.1/31.7	77/-29	127/00:30:09	06:02.0	
		BLU	ISDR 1695	0	0	431	2		103.40	45.29		DN0038/17	3			
		HI-RES CLR COMPOSITE														
11D049/283	10:13:41	SINGLE	145.0/230.0	-20	.04	2/2	1	3	RT/UH	16K	-13	141.5/32.7	79/-30	127/00:36:51	06:02.0	
		GRN	ISDR 1696	0	0	430	1		137.68	51.68		DN0038/18	3			
		HI-RES CLR COMPOSITE														
11D050/283	10:20:23	SINGLE	145.0/230.0	-20	.04	3/2	1	3	RT/UH	16K	-13	142.9/33.6	80/-31	127/00:43:33	06:02.0	
		RED	ISDR 1696	0	0	430	1		153.85	60.12		DN0038/19	3			
		HI-RES CLR COMPOSITE														
11D051/283	10:48:25	SINGLE	195.0/262.5	0	.04	1/2	1	3	RT/UH	16K	-13	149.2/37.1	66/-35	127/01:11:35	07:35.0	
		BLU	ISDR 2133	1689	444	0	0		117.48	40.72		DN0038/20	3			
		HI-RES CLR COMPOSITE														
11D052/283	10:56:40	SINGLE	195.0/262.5	0	.04	2/2	1	3	RT/UH	16K	-12	151.2/38.1	88/-36	127/01:19:50	07:35.0	
		GRN	ISDR 2133	1689	444	0	0		155.75	48.27		DN0038/21	3			
		HI-RES CLR COMPOSITE														
11D053/283	11:04:55	SINGLE	195.0/262.5	0	.04	3/2	1	3	RT/UH	16K	-10	153.2/38.9	90/-36	127/01:28:05	07:35.0	
		RED	ISDR 2133	1689	444	0	0		174.58	44.08		DN0038/22	3			
		HI-RES CLR COMPOSITE														
11D054/287	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-8	186.0/43.3	121/-42	131/06:01:30	00:11.4	
		BB1	ISDR 50	43	7	0	0		66.88	52.14		DN0038/23	1			
		SCAN VER														
11D055/287	13:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	187.5/43.2	123/-42	131/06:06:30	00:11.4	D
		BB1	ISDR 50	43	7	0	0		65.39	51.98		DN0038/24	1			
		SCAN VER WITH DUST														
12D056/287	13:09:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	189.0/43.0	308/-42	131/06:11:30	00:11.4	
		BB1	ISDR 50	43	7	0	0		48.46	32.03		DN0038/25	1			
		SCAN VER														
12D057/287	13:14:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	190.5/42.9	310/-42	131/06:16:30	00:11.4	D
		BB1	ISDR 48	43	5	0	0		45.50	21.44		DN0038/26	1			
		SCAN VER WITH DUST														
11D058/288	04:02:44	SINGLE	195.0/262.5	0	.04	1/2	1	3	REC/UH	16K	-4	103.4/-40	42/ 43	131/21:43:51	07:35.0	
		BLU	ISDR 1696	376	7	0	0		107.30	29.06		DN0038/27	1			
		RADIO TEST LINK														
11D059/288	09:03:53	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.0/20.8	67/-18	132/02:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.22	5.41		DN0039/01	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D060/288	13:59:59	SINGLE	42.5/ 47.5	-20	.04	13/2	1	3	REC/UH	16K	0	203.0/39.9	323/-40	132/07:41:06	00:29.2	
		BB3	ISDR 133	126	7	0	0		178.99	49.89		DN0039/02	1			
		X-RAY SUPPORT														
11D061/288	14:04:59	SINGLE	232.5/237.5	-30	.04	0/2	1	3	REC/UH	16K	0	204.3/39.5	140/-39	132/07:46:06	00:29.2	
		BB2	ISDR 133	126	7	0	0		195.78	43.88		DN0039/03	1			
		X-RAY SUPPORT														
11D062/288	14:09:59	COLOR	232.5/237.5	-30	.12	1/1	1	3	REC/UH	16K	0	205.6/39.0	141/-39	132/07:51:06	00:29.2	
		BLU	ISDR 44	44	1	0	0		115.14	28.58		DN0039/04	1			
		GRN	ISDR 43	44	1	1	1		158.82	36.48		DN0039/05	1			
		RED	ISDR 43	44	1	1	1		197.53	40.62		DN0039/06	1			
		X-RAY SUPPORT														
11D063/288	14:14:59	IR	232.5/237.5	-30	.12	9/1	1	3	REC/UH	16K	0	206.9/38.5	143/-39	132/07:56:06	00:29.2	
		IR3	ISDR 44	44	1	0	0		163.25	37.13		DN0039/07	1			
		IR2	ISDR 44	44	1	0	0		167.38	37.94		DN0039/08	1			
		IR1	ISDR 44	44	1	0	0		188.20	40.79		DN0039/09	1			
		X-RAY SUPPORT														
12D064/288	16:23:53	SINGLE	172.5/175.0	20	.04	4/2	1	0	REC/UH	16K	2	231.8/19.8	353/-21	132/10:04:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		115.52	3.70		DN0039/10	1			
		PM SUN DIODE														
11D065/289	09:04:17	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.0/20.7	67/-18	133/03:24:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.14	5.41		DN0039/11	1			
		AM SUN DIODE														
11D066/289	09:59:59	SINGLE	157.5/170.0	-10	.04	5/2	1	3	REC/UH	16K	-15	138.3/29.8	76/-27	133/04:20:41	01:09.2	
		BS4	ISDR 319	314	5	0	0		181.27	49.82		DN0039/12	1			
		BIG JOE														
12D067/289	15:54:17	SINGLE	167.5/170.0	30	.04	4/2	1	1	REC/UH	16K	2	227.1/24.9	348/-26	133/10:14:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		59.26	3.83		DN0039/13	1			
		PM SUN DIODE														
12D068/289	18:04:17	COLOR	187.5/187.5	10	.12	1/1	1	4	REC/UH	250	2	243.3/ 0.8	5/ -3	133/12:24:58	25:02.5	R
		BLU	SDR 35	2	35	1	1		60.29	30.41		DN0039/14	1			
		GRN	SDR 35	2	35	1	1		48.17	20.78		DN0039/15	1			
		RED	SDR 35	2	35	1	1		38.61	13.83		DN0039/16	1			
		COLOR RESCAN														
12D069/289	18:30:47	COLOR	190.0/190.0	10	.12	1/1	1	2	REC/UH	250	-4	245.6/-4.6	8/ 2	133/12:51:28	25:02.5	R
		BLU	SDR 35	2	35	1	1		48.36	25.89		DN0039/17	1			
		GRN	SDR 35	2	35	1	1		43.83	18.15		DN0039/18	1			
		RED	SDR 35	2	35	1	1		40.47	12.57		DN0039/19	1			
		COLOR RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D070/289	18:57:17	COLOR	192.5/192.5	10	.12	1/1	1	0	REC/UH	250	-4	247.7/-10	10/ 7	133/13:17:58	25:02.5	R
		BLU	SDR	35	2	35	1	1	126.19	5.47		DN0039/20	1			
		GRN	SDR	35	2	35	1	1	125.14	4.18		DN0039/21	1			
		RED	SDR	35	2	35	1	1	124.58	2.63		DN0039/22	1			
		COLOR RESCAN														
12D071/290	06:01:43	COLOR	55.0/ 55.0	10	.12	1/1	1	0	REC/UH	250	-2	110.4/-15	233/ 18	134/01:02:00	25:02.5	R
		BLU	SDR	34	2	34	1	1	138.40	21.93		DN0039/23	1			
		GRN	SDR	35	2	34	0	0	133.10	13.33		DN0039/24	1			
		RED	SDR	35	2	34	0	0	129.68	7.66		DN0039/25	1			
		COLOR RESCAN														
12D072/290	06:28:13	COLOR	57.5/ 57.5	10	.12	1/1	1	2	REC/UH	250	-19	112.4/-9.8	235/ 12	134/01:28:29	25:02.5	R
		BLU	SDR	35	2	35	1	1	73.76	51.06		DN0039/26	1			
		GRN	SDR	35	2	35	1	1	59.76	33.28		DN0039/27	1			
		RED	SDR	35	2	35	1	1	50.23	20.87		DN0039/28	1			
		COLOR RESCAN														
12D073/290	06:54:43	COLOR	60.0/ 60.0	10	.12	1/1	1	4	REC/UH	250	-17	114.5/-4.4	237/ 7	134/01:54:59	25:02.5	R
		BLU	SDR	35	2	35	1	1	82.57	41.27		DN0039/29	1			
		GRN	SDR	35	2	35	1	1	60.76	26.37		DN0039/30	1			
		RED	SDR	35	2	35	1	1	45.68	16.67		DN0039/31	1			
		COLOR RESCAN														
12D074/290	09:34:43	SINGLE	75.0/ 77.5	30	.04	4/2	1	1	REC/UH	16K	-13	133.7/25.7	255/-23	134/04:34:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	59.05	2.85		DN0039/32	1			
		COLOR RESCAN														
11D075/291	09:05:07	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.0/20.5	67/-17	135/04:44:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	125.84	4.42		DN0039/33	1			
		AM SUN DIODE														
11D076/292	09:05:32	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.0/20.4	67/-17	136/05:24:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	124.72	5.42		DN0039/34	1			
		AM SUN DIODE														
11D077/292	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	184.9/43.1	120/-42	136/09:19:27	00:11.4	
		BB1	ISDR	50	43	7	0	0	62.77	50.22		DN0039/35	1			
		SCAN VER														
11D078/292	13:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	186.4/43.0	122/-42	136/09:24:26	00:11.4	D
		BB1	ISDR	50	43	7	0	0	62.65	50.29		DN0039/36	1			
		SCAN VER WITH DUST														
12D079/292	13:09:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	187.9/42.9	307/-42	136/09:29:27	00:11.4	
		BB1	ISDR	50	43	7	0	0	45.45	21.17		DN0039/37	1			
		SCAN VER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D080/292 13:14:59		SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	189.4/42.7	309/-42	136/09:34:26	00:11.4	D
		BB1	ISDR 50	43	7	0	0		45.52	21.45		DN0039/38	1			
		SCAN VER WITH DUST														
11D081/293 09:05:56		SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.0/20.4	67/-17	137/06:04:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		124.22	8.18		DN0039/39	1			
		AM SUN DIODE														
11D082/294 09:06:22		SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.0/20.3	67/-17	138/06:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.59	3.89		DN0039/40	1			
		AM SUN DIODE														
11D083/295 09:06:46		SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.0/20.2	67/-17	139/07:24:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		124.70	3.55		DN0039/41	1			
		AM SUN DIODE														
11D084/295 09:46:05		SINGLE	222.5/315.0	-20	.04	1/2	1	3	RT/UH	16K	-19	135.2/26.8	73/-24	139/08:04:18	08:14.4	
		BLU	ISDR 2317	2314	3	0	0		73.30	28.54		DN0039/42	3			
		HI-RES COLOR COMPOSITE														
11D085/295 09:54:59		SINGLE	222.5/315.0	-20	.04	2/2	1	3	RT/UH	16K	-19	136.8/28.2	74/-25	139/08:13:12	08:14.4	
		GRN	ISDR 2317	2314	3	0	0		104.37	36.15		DN0039/43	3			
		HI-RES COLOR COMPOSITE														
11D086/295 10:03:53		SINGLE	222.5/315.0	-20	.04	3/2	1	3	RT/UH	16K	-4	138.4/29.5	76/-27	139/08:22:06	08:14.4	
		RED	ISDR 2317	2314	3	0	0		148.46	44.28		DN0039/44	3			
		HI-RES COLOR COMPOSITE														
12D087/295 10:22:28		SINGLE	75.0/185.0	0	.04	1/2	1	3	RT/UH	16K	-4	142.0/32.2	263/-29	139/08:40:41	09:58.2	
		BLU	ISDR 2804	2751	53	0	0		121.08	39.17		DN0039/45	4			
		HI-RES COLOR COMPOSITE														
12D088/295 10:33:06		SINGLE	75.0/185.0	0	.04	2/2	1	3	RT/UH	16K	-17	144.3/33.6	265/-31	139/08:51:19	09:58.2	
		GRN	ISDR 2803	2751	53	1	1		141.18	43.41		DN0040/01	4			
		HI-RES COLOR COMPOSITE														
12D089/295 10:43:44		SINGLE	75.0/185.0	0	.04	3/2	1	3	RT/UH	16K	-12	146.6/35.0	267/-32	139/09:01:57	09:58.2	
		RED	ISDR 2751	0	0	0	0		160.41	45.87		DN0040/02	4			
		HI-RES COLOR COMPOSITE														
12D090/296 09:08:59		SINGLE	115.0/122.5	-40	.04	0/2	1	2	REC/UH	16K	-19	129.2/20.4	251/-17	140/08:06:47	00:42.5	
		BB2	ISDR 196	189	7	0	0		133.52	37.52		DN0040/03	1			
		SSCA ROCK PUSH														
12D091/296 09:10:29		SINGLE	40.0/ 60.0	-30	.04	0/2	1	2	REC/UH	16K	-17	129.5/20.7	251/-18	140/08:08:17	01:49.2	
		BB2	ISDR 504	501	3	0	0		164.67	40.25		DN0040/04	1			
		SPONGE ROCK														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D092/296	10:30:59	SINGLE	207.5/217.5	-30	.04	13/2	1	3	REC/UH	16K	-13	143.7/33.2	81/-30	140/09:28:47	00:55.8	
		BB3	ISDR 261	251	10	0	0		109.87	53.03		DN0040/05	1			
		STEREO PILE AND TRENCH														
12D093/296	10:33:29	SINGLE	22.5/ 32.5	-20	.04	13/2	1	3	REC/UH	16K	-12	144.2/33.6	265/-31	140/09:31:17	00:55.8	
		BB3	ISDR 257	251	6	0	0		144.16	56.84		DN0040/06	1			
		STEREO PILE AND TRENCH														
11D094/297	09:07:34	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	129.0/20.0	67/-17	141/08:44:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.13	4.64		DN0040/07	1			
		AM DAILY SUN DIODE														
11D095/297	09:59:58	SINGLE	150.0/180.0	-10	.04	5/2	1	3	REC/UH	16K	-17	137.5/28.7	75/-26	141/09:37:22	02:42.5	
		BB4	ISDR 756	751	5	0	0		179.75	48.40		DN0040/08	1			
		MONITOR BIG JOE														
12D096/297	16:17:35	SINGLE	170.0/172.5	20	.04	4/2	1	0	REC/UH	16K	0	229.6/21.7	351/-23	141/15:54:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		115.77	4.72		DN0040/09	1			
		PM DAILY SUN DIODE														
11D097/298	09:08:01	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	128.9/20.0	67/-17	142/09:25:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.32	3.93		DN0040/10	1			
		AM DAILY SUN DIODE														
11D098/299	09:08:25	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	128.9/19.9	67/-17	143/10:04:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		124.53	4.94		DN0040/11	1			
		AM DAILY SUN DIODE														
11D099/300	09:08:50	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	128.9/19.8	67/-17	144/10:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		125.39	4.25		DN0040/12	1			
		AM DAILY SUN DIODE														
12D100/301	08:04:14	SINGLE	62.5/ 65.0	10	.04	4/2	1	0	REC/UH	16K	-21	120.8/ 7.7	243/ -4	145/10:19:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		112.12	3.91		DN0040/13	1			
		AM DIURNAL SUN														
12D101/301	08:39:13	SINGLE	67.5/ 70.0	10	.04	4/2	1	1	REC/UH	16K	-21	124.9/14.4	247/-11	145/10:54:58	00:15.8	
		SUN	ISDR 73	64	9	0	0		57.89	9.07		DN0040/14	1			
		AM DIURNAL SUN														
12D102/301	09:04:13	SINGLE	70.0/ 72.5	20	.04	4/2	1	1	REC/UH	16K	-19	128.2/18.9	250/-16	145/11:19:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		58.20	2.69		DN0040/15	1			
		AM DIURNAL SUN														
12D103/301	09:34:13	SINGLE	75.0/ 77.5	20	.04	4/2	1	1	REC/UH	16K	-19	132.6/24.0	254/-21	145/11:49:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		58.33	3.58		DN0040/16	1			
		AM DIURNAL SUN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D104/301	10:04:13	SINGLE	80.0/ 82.5	30	.04	4/2	1	2	REC/UH	16K	-17	137.8/28.8	259/-26	145/12:19:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.14	2.71		DN0040/17	1			
		AM DIURNAL SUN														
12D105/301	10:34:13	SINGLE	85.0/ 87.5	30	.04	4/2	1	2	REC/UH	16K	-15	143.7/33.1	265/-30	145/12:49:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.17	2.88		DN0040/18	1			
		AM DIURNAL SUN														
12D106/301	11:09:13	SINGLE	92.5/ 95.0	40	.04	4/2	1	2	REC/UH	16K	-12	151.6/37.3	272/-35	145/13:24:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.11	1.93		DN0040/19	1			
		AM DIURNAL SUN														
12D107/301	11:34:13	SINGLE	97.5/100.0	40	.04	4/2	1	2	REC/UH	16K	-10	158.0/39.7	278/-37	145/13:49:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		32.07	11.61		DN0040/20	1			
		AM DIURNAL SUN														
12D108/301	12:09:13	SINGLE	107.5/110.0	40	.04	4/2	1	2	REC/UH	16K	-8	167.7/42.0	288/-40	145/14:24:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		31.02	1.57		DN0040/21	1			
		AM DIURNAL SUN														
11D109/301	12:42:43	SINGLE	222.5/315.0	-20	.04	1/2	1	3	RT/UH	16K	-6	177.7/43.0	113/-42	145/14:58:27	08:14.4	
		BLU	ISDR 650	2314	3	1667	3		103.14	36.08		DN0040/22	3			
		RADIO SCIENCE														
11D110/301	13:01:17	SINGLE	37.5/210.0	-10	.12	14/3	1	3	RT/UH	16K	-6	183.3/42.9	119/-42	145/15:17:01	05:08.6	
		SURV	ISDR 1442	1439	7	4	2		160.16	52.80		DN0040/23	2			
		SURVEY PANORAMA														
12D111/301	14:04:14	SINGLE	140.0/142.5	40	.04	4/2	1	2	REC/UH	16K	0	201.4/39.9	321/-40	145/16:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.03	1.47		DN0040/24	1			
		PM DIURNAL SUN														
12D112/301	14:39:14	SINGLE	150.0/152.5	40	.04	4/2	1	2	REC/UH	16K	0	210.2/36.4	330/-37	145/16:54:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.08	1.53		DN0040/25	1			
		PM DIURNAL SUN														
12D113/301	15:04:14	SINGLE	155.0/157.5	40	.04	4/2	1	2	REC/UH	16K	2	215.8/33.4	336/-34	145/17:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.11	1.94		DN0040/26	1			
		PM DIURNAL SUN														
12D114/301	15:34:14	SINGLE	162.5/165.0	30	.04	4/2	1	1	RE./UH	16K	2	221.8/29.1	342/-30	145/17:49:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		59.30	4.36		DN0040/27	1			
		PM DIURNAL SUN														
12D115/301	16:04:14	SINGLE	167.5/170.0	30	.04	4/2	1	1	REC/UH	16K	2	227.0/24.4	348/-26	145/18:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		59.17	3.11		DN0040/28	1			
		PM DIURNAL SUN														

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VL-I CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
12D116/301	16:34:14	SINGLE	172.5/175.0	20	.04	4/2	1	1	REC/UH	16K	2	231.5/19.3	353/-21	145/18:49:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		59.11	1.63		DN0040/29	1			
		PM DIURNAL SUN														
12D117/301	17:09:14	SINGLE	177.5/180.0	20	.04	4/2	1	0	REC/UH	16K	0	236.1/12.9	358/-14	145/19:24:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		115.47	2.34		DN0040/30	1			
		PM DIURNAL SUN														
12D118/301	17:34:14	SINGLE	180.0/182.5	10	.04	4/2	1	0	REC/UH	16K	0	239.0/ 8.2	1/-10	145/19:49:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		115.56	1.84		DN0040/31	1			
		PM DIURNAL SUN														
12D119/302	08:04:39	SINGLE	62.5/ 65.0	10	.04	4/2	1	0	REC/UH	16K	-19	120.8/ 7.7	243/ -4	146/10:59:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		112.63	8.58		DN0040/32	1			
		AM DAILY SUN DIODE														
12D120/302	08:39:39	SINGLE	67.5/ 70.0	10	.04	4/2	1	1	REC/UH	16K	-19	124.8/14.3	247/-11	146/11:34:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		57.97	2.51		DN0040/33	1			
		AM DAILY SUN DIODE														
11D121/302	09:10:30	SINGLE	275.0/280.0	-20	.04	13/2	1	3	REC/UH	16K	-19	129.0/19.9	67/-17	146/12:05:50	00:29.2	
		BB3	ISDR 133	126	7	0	0		78.03	26.80		DN0040/34	1			
		BOOM BEFORE STROKE														
11D122/302	09:15:30	SINGLE	275.0/280.0	-20	.04	13/2	1	3	REC/UH	16K	-19	129.7/20.7	67/-18	146/12:10:50	00:29.2	
		BB3	ISDR 134	126	8	0	0		78.67	28.92		DN0040/35	1			
		BOOM AFTER STROKE														
11D123/302	09:32:00	SINGLE	275.0/280.0	-20	.04	13/2	1	3	REC/UH	16K	-17	132.2/23.5	70/-20	146/12:27:20	00:29.2	
		BB3	ISDR 133	126	7	0	0		93.74	37.14		DN0040/36	1			
		STEREO AFTER STROKE														
12D124/302	09:34:00	SINGLE	82.5/ 87.5	-20	.04	13/2	1	3	REC/UH	16K	-17	132.5/23.9	254/-21	146/12:29:20	00:29.2	
		BB3	ISDR 134	126	8	0	0		94.61	34.94		DN0040/37	1			
		STEREO AFTER STROKE														
12D125/302	10:30:00	COLOR	55.0/150.0	-30	.12	1/1	1	3	REC/UH	16K	-13	142.7/32.4	264/-30	146/13:25:20	08:29.1	
		BLU	SDR 792	0	0	1	1		100.73	39.00		DN0040/38	1			
		GRN	SDR 793	0	0	0	0		115.53	40.63		DN0040/39	1			
		RED	SDR 792	0	0	1	1		148.66	46.12		DN0040/40	1			
		COLOR MONITOR - CAM 2														
11D126/302	11:30:39	SINGLE	222.5/315.0	-20	.04	1/2	1	3	RT/UH	16K	-8	156.9/39.3	93/-37	146/14:25:59	08:14.4	
		BLU	ISDR 980	2314	3	1337	1		100.17	41.06		DN0041/01	3			
		RADIO SCIENCE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D127/302 11:55:32	COLOR	182.5/272.5	10	.12	1/1	1	4	RT/UH	16K	-6	163.6/41.2	284/-39	146/14:50:51	08:09.8	
	BLU	ISDR 764	752	14	1	1		148.21	62.61		DN0041/02	1			
	GRN	ISDR 764	752	14	1	1		154.76	62.89		DN0041/03	1			
	RED	ISDR 764	752	14	1	1		166.47	60.92		DN0041/04	1			
	RTI - SKY COLOR														
11D128/302 13:00:00	COLOR	155.0/280.0	-30	.12	1/1	1	4	REC/UH	16K	-2	182.7/42.9	118/-42	146/15:55:20	11:09.1	
	BLU	ISDR 1042	0	0	1	1		74.04	37.31		DN0041/05	2			
	GRN	ISDR 1043	0	0	0	0		94.71	41.08		DN0041/06	2			
	RED	ISDR 1042	0	0	1	1		127.61	46.65		DN0041/07	2			
	COLOR MONITOR - CAM 1														
11D129/303 07:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	114.6/-5.4	53/ 8	147/10:34:55	00:11.4	
	BBI	ISDR 50	43	7	0	0		115.45	56.22		DN0041/08	1			
	SCAN VER & CAL - CAM 1														
11D130/303 07:00:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	114.5/- 5	53/ 8	147/10:35:06	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0041/09	1			
	CALIBRATION FRAME														
12D131/303 08:05:05	SINGLE	62.5/ 65.0	10	.04	4/2	1	0	REC/UH	16K	-19	120.7/ 7.6	243/ -4	147/11:40:00	00:15.8	
	SUN	ISDR 69	64	5	0	0		111.87	3.30		DN0041/10	1			
	AM DAILY SUN DIODE														
12D132/303 08:40:05	SINGLE	67.5/ 70.0	10	.04	4/2	1	1	REC/UH	16K	-19	124.8/14.2	247/-11	147/12:15:00	00:15.8	
	SUN	ISDR 69	64	5	0	0		58.08	2.50		DN0041/11	1			
	AM DAILY SUN DIODE														
11D133/303 09:10:05	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-19	128.8/19.7	67/-16	147/12:45:00	00:15.8	
	SUN	ISDR 69	64	5	0	0		125.15	5.66		DN0041/12	1			
	AM DAILY SUN DIODE														
11D134/303 10:16:16	SINGLE	222.5/315.0	-20	.04	1/2	1	3	RT/UH	16K	-13	139.8/30.3	77/-27	147/13:51:11	08:14.4	
	BLU	ISDR 595	2314	3	1722	5		91.76	41.48		DN0041/13	3			
	RADIO SCIENCE														
11D135/303 10:40:38	SINGLE	207.5/335.0	-10	.12	14/3	1	3	RT/UH	16K	-10	144.8/33.7	82/-31	147/14:15:33	03:45.8	
	SURV	ISDR 1038	0	0	26	6		149.44	52.44		DN0041/14	2			
	SURVEY PANORAMA														
12D136/303 11:49:59	COLOR	280.0/315.0	-20	.12	1/1	1	4	REC/UH	16K	-8	161.9/40.8	282/-39	147/15:24:54	03:09.1	
	BLU	ISDR 294	294	1	0	0		108.51	57.47		DN0041/15	1			
	GRN	ISDR 293	294	1	1	1		117.63	60.47		DN0041/16	1			
	RED	ISDR 293	294	1	1	1		140.23	63.83		DN0041/17	1			
	MON. CHARTS & GRID														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D137/303	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	182.5/42.9	302/-42	147/16:34:54	00:11.4	
		BB1	ISDR	52	43	9	0	0	49.67	29.05		DN0041/18	1			
		SCAN VER & CAL - CAM 2														
12D138/303	13:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	182.5/42.9	302/-42	147/16:35:05	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0041/19	1			
		CALIBRATION FRAME														
12D139/303	13:09:59	SINGLE	12.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	0	185.5/42.8	305/-42	147/16:44:54	02:02.5	
		BB2	ISDR	569	564	5	0	0	157.58	58.20		DN0041/20	1			
		MONITOR TRENCHES														
12D140/304	08:05:29	SINGLE	62.5/ 65.0	10	.04	4/2	1	0	REC/UH	16K	-19	120.7/ 7.6	243/ -4	148/12:19:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	111.72	3.40		DN0041/21	1			
		AM DAILY SUN DIODE														
11D141/304	08:29:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	3	REC/UH	16K	-21	123.5/12.2	61/ -9	148/12:44:29	00:29.2	
		BLU	ISDR	43	0	0	0	0	82.68	42.32		DN0041/22	1			
		GRN	ISDR	43	0	0	0	0	98.77	49.68		DN0041/23	1			
		RED	ISDR	43	0	0	0	0	104.54	44.26		DN0041/24	1			
		MON. RTC 1, COLOR														
12D142/304	08:45:29	SINGLE	67.5/ 70.0	10	.04	4/2	1	1	REC/UH	16K	-19	125.4/15.1	247/-12	148/12:59:59	00:15.8	
		SUN	ISDR	69	64	5	0	0	57.36	2.50		DN0041/25	1			
		AM DAILY SUN DIODE														
11D143/304	09:04:46	SINGLE	222.5/315.0	-20	.04	1/2	1	3	RT/UH	16K	-41	128.0/18.6	66/-15	148/13:19:17	08:14.4	
		BLU	ISDR	3169	1 2316	1461	3		75.86	55.07		DN0041/26	3			
		RADIO SCIENCE														
12D144/304	16:25:29	SINGLE	170.0/172.5	20	.04	4/2	1	2	REC/UH	16K	0	229.9/21.2	351/-22	148/20:39:59	00:15.8	
		SUN	ISDR	71	64	7	0	0	31.07	1.12		DN0041/27	1			
		PM DAILY SUN DIODE														
11D145/305	09:15:53	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.4/20.4	67/-17	149/14:09:58	00:15.8	
		SUN	ISDR	73	64	9	0	0	64.11	11.73		DN0041/28	1			
		AM DAILY SUN DIODE														
11D146/306	09:16:18	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.4/20.4	67/-17	150/14:49:59	00:15.8	
		SUN	SDR	69	64	5	0	0	63.72	7.55		DN0041/29	1			
		AM DAILY SUN DIODE														
12D147/306	11:11:29	SINGLE	290.0/295.0	-20	.04	13/2	1	1	REC/UH	16K	-12	151.3/37.1	272/-35	150/16:45:10	00:29.2	
		BB3	ISDR	129	126	6	3	1	135.24	63.88		DN0041/30	1			
		BH IN MIRROR, HIGH GAI														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
12D148/306	11:12:59	SINGLE	290.0/295.0	-20	.04	13/2	3	2	REC/UH	16K	-12	151.7/37.3	272/-35	150/16:46:40	00:29.2	
		BB3	ISDR 134	126	8	0	0		162.36	55.05		DN0041/31	1			
		BH IN MIRROR, LOW GAIN														
12D149/306	11:24:59	SINGLE	17.5/ 22.5	-20	.04	8/2	1	3	REC/UH	16K	-12	154.7/38.5	275/-36	150/16:58:40	00:29.2	
		BB1	ISDR 132	126	6	0	0		118.71	60.79		DN0041/32	1			
		BACKHOE, DIRECT														
12D150/306	11:36:15	SINGLE	17.5/ 22.5	-20	.04	8/2	1	3	REC/UH	16K	-10	157.6/39.5	278/-37	150/17:09:56	00:29.2	
		BB1	ISDR 132	126	6	0	0		118.31	59.11		DN0041/33	1			
		BACKHOE, DIRECT														
12D151/306	11:50:45	SINGLE	290.0/295.0	-20	.04	13/2	1	1	REC/UH	16K	-10	161.5/40.7	282/-39	150/17:24:26	00:29.2	
		BB3	ISDR 101	0	0	25	1		184.00	72.29		DN0041/34	1			
		BH IN MIRROR, HIGH GAI														
12D152/306	11:52:15	SINGLE	290.0/295.0	-20	.04	13/2	3	2	REC/UH	16K	-8	161.9/40.8	282/-39	150/17:25:56	00:29.2	
		BB3	ISDR 133	126	7	0	0		161.52	61.27		DN0041/35	1			
		BH IN MIRROR, LOW GAIN														
11D153/307	09:16:44	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.4/20.3	67/-17	151/15:30:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		63.31	2.80		DN0042/01	1			
		AM DAILY SUN DIODE														
12D154/307	11:00:00	SINGLE	285.0/290.0	-20	.04	8/2	1	4	REC/UH	16K	-13	148.5/35.7	269/-33	151/17:13:16	00:29.2	
		BB1	ISDR 133	126	7	0	0		135.46	45.90		DN0042/02	1			
		HR OF RTC MAGNET														
11D155/308	09:17:08	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.3/20.3	67/-17	152/16:09:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		63.37	2.71		DN0042/03	1			
		AM DAILY SUN DIODE														
11D156/309	03:19:04	SINGLE	207.5/335.0	-10	.12	14/3	1	3	RT/UH	16K	-19	102.0/-53	40/ 56	153/10:51:30	03:45.8	
		SURV	ISDR 344	0	0	720	1		129.44	64.76		DN0042/04	2			
		RADIO TEST LINK														
11D157/309	09:17:32	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-23	129.3/20.2	67/-17	153/16:49:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		63.16	1.66		DN0042/05	1			
		AM DAILY SUN DIODE														
11D158/309	10:59:59	SINGLE	177.5/202.5	-50	.04	8/2	1	4	REC/UH	16K	-15	148.1/35.6	85/-33	153/18:32:25	02:15.8	
		BB1	ISDR 629	626	3	0	0		90.52	40.71		DN0042/06	1			
		FOOTPAD SLUMP														
11D159/310	09:17:57	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.2/20.2	67/-17	154/17:29:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		63.70	8.45		DN0042/07	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
11D160/311	09:18:22	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.2/20.1	67/-17	155/18:09:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		63.09	1.43		DN0042/08	1			
		AM DAILY SUN DIODE														
11D161/312	09:23:47	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.8/21.0	68/-18	156/18:55:00	00:15.8	
		SUN	ISDR 71	64	7	0	0		62.98	.94		DN0042/09	1			
		AM DAILY SUN DIODE														
11D162/313	09:24:11	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.8/20.9	68/-18	157/19:34:58	00:15.8	
		SUN	ISDR 69	64	5	0	0		63.00	.66		DN0042/10	1			
		AM DAILY SUN DIODE														
12D163/313	16:34:10	SINGLE	170.0/172.5	20	.04	4/2	1	2	REC/UH	16K	-4	230.3/20.8	352/-22	158/02:44:58	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.03	1.52		DN0042/11	1			
		PM DAILY SUN DIODE														
11D164/314	09:24:36	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.7/20.9	67/-18	158/20:14:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.61	1.68		DN0042/12	1			
		AM DAILY SUN DIODE														
11D165/315	09:25:01	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.6/20.9	67/-18	159/20:54:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.91	.81		DN0042/13	1			
		AM DAILY SUN DIODE														
11D166/316	09:25:26	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-19	129.6/20.8	67/-18	160/21:35:00	00:15.8	
		SUN	ISDR 69	64	5	0	0		66.89	.88		DN0042/14	1			
		AM DAILY SUN DIODE														
11D167/316	14:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-10	212.7/35.3	149/-36	161/03:09:32	00:11.4	
		BB1	ISDR 49	43	7	1	1		64.62	55.75		DN0042/15	1			
		DIURNAL SCAN VER														
12D168/316	15:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-10	213.8/34.7	334/-35	161/03:14:32	00:11.4	
		BB1	ISDR 50	43	7	0	0		44.76	24.45		DN0042/16	1			
		DIURNAL SCAN VER														
12D169/316	16:35:26	SINGLE	170.0/172.5	20	.04	4/2	1	2	REC/UH	16K	-10	230.3/21.0	351/-22	161/04:44:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		31.00	.00		DN0042/17	1			
		PM DAILY SUN DIODE														
11D170/316	17:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	240.7/ 5.3	179/ -7	161/06:09:32	00:11.4	
		BB1	ISDR 50	43	9	2	1		117.74	59.34		DN0042/18	1			
		DIURNAL SCAN VER														
12D171/316	18:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	241.2/ 4.3	3/ -6	161/06:14:32	00:11.4	
		BB1	ISDR 50	43	7	0	0		60.84	23.76		DN0042/19	1			
		DIURNAL SCAN VER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D172/316	19:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	250.6/-19	189/ 16	161/08:09:32	00:11.4	
		BB1	ISDR 50	43	7	0	0		115.01	57.42		DN0042/20	1			
		DIURNAL SCAN VER														
12D173/316	20:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	250.9/-20	14/ 17	161/08:14:32	00:11.4	
		BB1	ISDR 50	43	7	0	0		60.33	23.49		DN0042/21	1			
		DIURNAL SCAN VER														
11D174/316	22:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	258.9/-58	199/ 55	161/11:09:32	00:11.4	
		BB1	ISDR 50	43	7	0	0		115.10	57.16		DN0042/22	1			
		DIURNAL SCAN VER														
12D175/316	23:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	259.0/-59	23/ 56	161/11:14:32	00:11.4	
		BB1	ISDR 52	43	9	0	0		70.66	40.03		DN0042/23	1			
		DIURNAL SCAN VER														
12D176/317	04:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	105.7/-32	228/ 35	161/17:49:08	00:11.4	
		BB1	ISDR 50	43	7	0	0		59.92	23.38		DN0042/24	1			
		DIURNAL SCAN VER														
11D177/317	05:04:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	106.0/-31	44/ 34	161/17:54:08	00:11.4	
		BB1	ISDR 50	43	7	0	0		115.30	57.39		DN0042/25	1			
		DIURNAL SCAN VER														
11D178/317	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	113.6/-7.3	52/ 10	161/19:49:08	00:11.4	
		BB1	ISDR 50	43	7	0	0		116.58	58.16		DN0042/26	1			
		DIURNAL SCAN VER														
11D179/317	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	113.6/- 7	52/ 10	161/19:49:19	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0042/27	1			
		CALIBRATION FRAME														
11D180/317	09:25:50	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.5/20.8	67/-18	161/22:14:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		66.93	.72		DN0042/28	1			
		AM DAILY SUN DIODE														
12D181/317	10:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	140.4/31.0	262/-28	161/23:19:07	00:11.4	
		BB1	ISDR 48	43	5	0	0		59.00	26.18		DN0042/29	1			
		SCAN VER AND CAL - CAM 2														
12D182/317	10:30:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	140.4/31.0	262/-28	161/23:19:18	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0042/30	1			
		CALIBRATION FRAME														
11D183/317	14:29:59	SINGLE	180.0/260.0	-30	.04	0/2	1	4	REC/UH	16K	-13	205.3/38.7	141/-39	162/03:19:07	07:09.1	
		BB2	ISDR 2004	2001	3	0	0		53.14	14.40		DN0042/31	3			
		ACCUMULATED FINES														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D184/318	09:26:15	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.4/20.8	67/-18	162/22:54:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		66.79	1.26		DN0042/32	1			
		AM DAILY SUN DIODE														
11D185/318	11:05:17	SINGLE	275.0/305.0	-30	.04	0/2	1	3	RT/UH	16K	-21	147.8/35.7	85/-33	163/00:34:01	02:50.0	
		BB2	ISDR 796	751	45	0	0		86.83	19.83		DN0042/33	1			
		317 AND 280 TRENCHES														
12D186/318	11:08:47	SINGLE	82.5/112.5	-30	.04	0/2	1	3	RT/UH	16K	-19	148.6/36.1	269/-33	163/00:37:31	02:50.0	
		BB2	ISDR 796	751	45	0	0		85.49	20.08		DN0042/34	1			
		317 AND 280 TRENCHES														
12D187/318	11:22:51	SINGLE	175.0/245.0	0	.04	1/2	1	3	RT/UH	16K	-19	151.9/37.6	273/-35	163/00:51:34	06:13.0	
		BLU	ISDR 1747	0	0	4	1		92.59	61.17		DN0042/35	3			
		HR/CLR COMPOSITE														
12D188/318	11:29:44	SINGLE	175.0/245.0	0	.04	2/2	1	3	RT/UH	16K	-17	153.6/38.4	274/-36	163/00:58:27	06:13.0	
		GRN	ISDR 1747	0	0	4	1		111.41	60.25		DN0042/36	3			
		HR/CLR COMPOSITE														
12D189/318	11:36:37	SINGLE	175.0/245.0	0	.04	3/2	1	4	RT/UH	16K	-17	155.4/39.0	276/-37	163/01:05:20	06:13.0	
		RED	ISDR 1728	0	0	23	1		82.46	27.19		DN0042/37	3			
		HR/CLR COMPOSITE														
11D190/319	09:31:40	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	130.1/21.6	68/-18	163/23:39:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.90	1.02		DN0042/38	1			
		AM DAILY SUN DIODE														
11D191/320	09:32:05	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	130.0/21.6	68/-18	165/00:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.91	1.30		DN0042/39	1			
		AM DAILY SUN DIODE														
11D192/320	10:59:59	SINGLE	177.5/195.0	-50	.04	8/2	1	4	REC/UH	16K	-21	146.2/34.9	83/-32	165/01:47:54	01:35.8	
		BB1	ISDR 445	439	7	1	1		37.53	10.15		DN0042/40	1			
		FOOTPAD SLUMP														
11D193/321	09:32:29	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	130.0/21.6	68/-18	166/00:59:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		66.93	.70		DN0042/41	1			
		AM DAILY SUN DIODE														
12D194/321	11:09:29	IR	285.0/295.0	-10	.12	9/1	1	4	REC/UH	16K	-19	148.2/36.0	269/-33	166/02:36:59	00:55.8	
		IR3	ISDR 86	85	2	0	0		41.97	19.44		DN0043/01	1			
		IR2	ISDR 86	85	2	0	0		43.22	21.52		DN0043/02	1			
		IR1	ISDR 86	85	2	0	0		.00	.00		DN0043/03	1			
		BACKHOE DIRECT, IR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D195/321	11:11:19	COLOR	285.0/295.0	-10	.12	1/1	1	4	REC/UH	16K	-19	148.6/36.2	269/-34	166/02:38:49	00:55.8	
		GRN	ISDR 85	85	2	1	1		38.81	14.98		DN0043/05	1			
		RED	ISDR 85	85	2	1	1		55.07	29.19		DN0043/06	1			
		BLU	ISDR 86	85	2	0	0		.00	.00		DN0043/04	1			
		BACKHOE DIRECT, COLOR														
12D196/321	11:16:44	SINGLE	27.5/ 35.0	-10	.04	8/2	3	3	REC/UH	16K	-17	149.9/36.9	271/-34	166/02:44:14	00:42.5	
		BB1	ISDR 196	169	7	0	0		42.46	18.55		DN0043/07	1			
		XRAY FUNNEL														
11D197/321	11:22:29	IR	235.0/275.0	10	.12	9/1	16	5	REC/UH	16K	-21	151.3/37.5	88/-35	166/02:49:59	03:35.8	
		IR3	SDR 328	335	1	7	3		111.79	70.24		DN0043/08	1			
		IR2	SDR 328	335	1	7	4		143.79	77.57		DN0043/09	1			
		IR1	SDR 326	335	1	9	4		124.01	65.17		DN0043/10	1			
		IR SUN OCCULTED														
11D198/321	11:26:49	SINGLE	267.5/272.5	10	.12	4/3	1	1	REC/UH	16K	-19	152.3/38.0	89/-35	166/02:54:19	00:11.4	
		SUN	ISDR 51	43	8	0	0		70.56	1.72		DN0043/11	1			
		SUR SUN OCCULTED														
11D199/321	11:27:49	COLOR	235.0/275.0	10	.12	1/1	16	5	REC/UH	16K	-19	152.6/38.1	89/-36	166/02:55:19	03:35.8	
		BLU	ISDR 336	335	2	0	0		104.00	71.29		DN0043/12	1			
		GRN	ISDR 335	335	2	1	1		101.79	39.72		DN0043/13	1			
		RED	ISDR 335	335	2	1	1		111.23	72.87		DN0043/14	1			
		COLOR SUN OCCULTED														
11D200/321	11:32:09	SINGLE	267.5/272.5	10	.12	4/3	1	1	REC/UH	16K	-17	153.7/38.5	90/-36	166/02:59:39	00:11.4	
		SUN	ISDR 51	43	8	0	0		67.99	3.99		DN0043/15	1			
		SUN OCCULTATION, SURVEY														
11D201/322	09:32:55	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.9/21.6	68/-18	167/01:39:59	00:15.8	
		SUN	ISDR 73	64	9	0	0		67.79	11.11		DN0043/16	1			
		AM DAILY SUN DIODE														
11D202/323	09:33:19	SINGLE	247.5/250.0	20	.04	4/2	1	1	REC/UH	16K	-21	129.8/21.6	68/-18	168/02:19:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		67.69	10.04		DN0043/17	1			
		AM DAILY SUN DIODE														
11D203/323	10:51:02	SINGLE	275.0/305.0	-30	.04	0/2	1	3	RT/UH	16K	-21	143.7/33.6	81/-31	168/03:37:42	02:50.0	
		BB2	ISDR 794	751	45	2	1		71.46	14.80		DN0043/18	1			
		RADIO SCIENCE														
12D204/323	10:54:32	SINGLE	82.5/112.5	-30	.04	0/2	1	3	RT/UH	16K	-19	144.5/34.1	265/-31	168/03:41:12	02:50.0	
		BB2	ISDR 796	751	45	0	0		70.82	15.03		DN0043/19	1			
		RADIO SCIENCE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D205/323	16:38:19	SINGLE	170.0/172.5	20	.04	4/2	1	1	REC/UH	16K	-13	230.3/21.5	351/-23	168/09:24:59	00:15.8	
		SUN	ISDR 71	64	7	0	0		58.97	1.31		DN0043/20	1			
		PM DAILY SUN DIODE														
12D206/324	08:31:59	COLOR	155.0/237.5	10	.12	1/1	1	3	REC/UH	16K	-21	121.7/10.3	244/ -7	169/01:58:14	07:22.5	
		BLU	ISDR 688	0	0	1	1		27.27	3.44		DN0043/21	1			
		GRN	ISDR 689	0	0	0	0		30.62	5.50		DN0043/22	1			
		RED	ISDR 688	0	0	1	1		45.09	11.90		DN0043/23	1			
		AM SKY BRIGHTNESS (COLOR)														
12D207/324	08:40:59	IR	155.0/237.5	10	.12	9/1	1	3	REC/UH	16K	-19	122.7/12.0	245/ -9	169/02:07:14	07:22.5	
		IR3	ISDR 689	690	1	1	1		37.81	8.88		DN0043/24	1			
		IR2	ISDR 690	690	1	0	0		38.06	9.29		DN0043/25	1			
		IR1	ISDR 688	690	1	2	2		46.41	13.06		DN0043/26	1			
		AM SKY BRIGHTNESS (IR)														
11D208/324	08:58:19	SINGLE	242.5/245.0	10	.04	4/2	1	0	REC/UH	16K	-21	124.8/15.2	63/-12	169/02:24:34	00:15.8	
		SUN	ISDR 69	64	5	0	0		129.00	3.42		DN0043/27	1			
		AM DAILY SUN DIODE														
11D209/324	09:58:15	COLOR	42.5/ 60.0	-20	.12	1/1	1	4	RT/UH	16K	-21	133.6/25.7	71/-23	169/03:24:30	01:40.0	
		BLU	ISDR 155	148	8	0	0		24.32	4.61		DN0043/28	1			
		GRN	ISDR 155	148	8	0	0		27.89	5.34		DN0043/29	1			
		RED	ISDR 154	148	8	1	1		33.81	11.80		DN0043/30	1			
		MON CHARTS & GRID/STEREO														
12D210/324	10:00:35	COLOR	285.0/302.5	-20	.12	1/1	1	4	RT/UH	16K	-17	134.0/26.1	255/-23	169/03:26:50	01:40.0	
		BLU	ISDR 155	148	8	0	0		26.74	5.67		DN0043/31	1			
		GRN	ISDR 155	148	8	0	0		29.36	7.20		DN0043/32	1			
		RED	ISDR 155	148	8	0	0		34.18	13.03		DN0043/33	1			
		MON CHARTS & GRID/STEREO														
12D211/324	11:51:59	COLOR	280.0/322.5	-20	.12	1/1	1	4	REC/UH	16K	-17	158.2/40.3	278/-38	169/05:18:14	03:49.1	
		BLU	ISDR 356	356	1	0	0		30.65	8.25		DN0043/34	1			
		GRN	ISDR 356	356	1	0	0		33.49	11.92		DN0043/35	1			
		RED	ISDR 356	356	1	0	0		49.87	23.19		DN0043/36	1			
		MON. GRID & CHARTS														
12D212/324	13:06:59	SINGLE	17.5/ 22.5	-10	.04	8/2	1	4	REC/UH	16K	-13	180.2/43.5	300/-42	169/06:33:14	00:29.2	
		BB1	ISDR 134	126	8	0	0		54.56	14.96		DN0043/37	1			
		BACKHOE DIRECT														
11D213/324	13:18:54	SINGLE	215.0/227.5	-30	.04	0/2	1	4	REC/UH	16K	-15	183.9/43.4	119/-42	169/06:45:09	01:09.2	
		BB2	ISDR 319	314	5	0	0		42.56	10.15		DN0043/38	1			
		MONITOR TRENCHES														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D214/324 13:20:45	SINGLE	267.5/280.0	-20	.04	13/2	1	4	REC/UH	16K	-15	184.4/43.4	120/-42	169/06:47:00	01:09.2	
	BB3	ISDR 321	314	7	0	0		47.57	11.17		DN0043/39	1			
	METATE ROCK PILE														
12D215/324 13:22:46	SINGLE	87.5/ 92.5	-20	.04	13/2	1	4	REC/UH	16K	-13	185.0/43.3	304/-42	169/06:49:01	00:29.2	
	BB3	ISDR 134	126	8	0	0		43.57	10.38		DN0043/40	1			
	METATE ROCK PILE														
12D216/324 13:23:57	SINGLE	77.5/ 85.0	-20	.04	13/2	1	4	REC/UH	16K	-13	185.4/43.3	305/-42	169/06:50:13	00:42.5	
	BB3	ISDR 196	189	7	0	0		46.96	9.98		DN0043/41	1			
	PILE BETWEEN ROCKS														
12D217/324 16:38:44	SINGLE	170.0/172.5	20	.04	4/2	1	1	REC/UH	16K	-13	230.3/21.6	351/-23	169/10:05:00	00:15.8	
	SUN	ISDR 71	64	7	0	0		59.72	10.03		DN0044/01	1			
	PM DAILY SUN DIODE														
12D218/325 08:25:17	COLOR	232.5/250.0	10	.12	1/1	1	4	RT/UH	16K	-21	120.8/ 8.9	243/ -6	170/02:31:07	01:36.0	
	BLU	ISDR 83	148	2	66	1		47.81	43.14		DN0044/02	1			
	GRN	ISDR 83	148	2	66	1		24.24	11.61		DN0044/03	1			
	RED	ISDR 82	148	2	67	1		25.28	2.99		DN0044/04	1			
	SKY COLOR														
11D219/325 09:34:08	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.6/21.6	67/-18	170/03:39:59	00:15.8	
	SUN	ISDR 71	64	7	0	0		128.91	4.01		DN0044/05	1			
	AM DAILY SUN DIODE														
11D220/326 07:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	112.7/-8.4	51/ 11	171/01:45:26	00:11.4	
	BB1	ISDR 50	43	7	0	0		114.19	56.86		DN0044/06	1			
	SCAN VER & CAL - CAM 1														
11D221/326 07:00:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	112.7/- 8	51/ 11	171/01:45:37	00:18.0	
	CAL	ISDR 84	0	0	0	0		.00	.00		DN0044/07	1			
	CALIBRATION FRAME														
11D222/326 09:34:34	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.5/21.6	67/-18	171/04:20:00	00:15.8	
	SUN	ISDR 71	64	7	0	0		129.58	3.04		DN0044/08	1			
	AM DAILY SUN DIODE														
11D223/326 10:00:00	SINGLE	160.0/167.5	-10	.04	5/2	1	4	REC/UH	16K	-21	133.6/25.9	71/-23	171/04:45:26	00:42.5	
	BB4	ISDR 196	189	7	0	0		35.52	7.07		DN0044/09	1			
	MON. BIG JOE SLUMP														
12D224/326 13:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	177.7/43.6	297/-42	171/07:45:25	00:11.4	
	BB1	ISDR 52	43	9	0	0		49.08	31.59		DN0044/10	1			
	SCAN VER & CAL - CAM 2														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12D225/326	13:00:11	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	177.7/43.5	297/-42	171/07:45:36	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0044/11	1			
		CALIBRATION FRAME														
11D226/327	09:34:58	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.5/21.6	67/-18	172/04:59:59	00:15.8	
		SUN	ISDR 69	64	5	0	0		128.69	2.90		DN0044/12	1			
		AM DAILY SUN DIODE														
11D227/328	08:06:59	COLOR	210.0/212.5	0	.12	1/1	1	2	REC/UH	16K	-21	118.5/ 5.0	57/ -2	173/04:11:35	00:15.8	
		BLU	ISDR 23	23	1	0	0		41.38	9.76		DN0044/13	1			
		GRN	ISDR 23	23	1	0	0		45.89	8.36		DN0044/14	1			
		RED	ISDR 22	23	1	1	1		62.06	12.96		DN0044/15	1			
		COLOR STUDY/COLOR														
11D228/328	08:07:59	IR	210.0/212.5	0	.12	9/1	1	2	REC/UH	16K	-21	118.6/ 5.2	57/ -2	173/04:12:35	00:15.8	
		IR3	ISDR 23	23	1	0	0		54.11	8.38		DN0044/16	1			
		IR2	ISDR 23	23	1	0	0		52.78	9.41		DN0044/17	1			
		IR1	ISDR 22	23	1	1	1		61.23	12.03		DN0044/18	1			
		COLOR STUDY/IR														
11D229/328	08:08:59	SINGLE	210.0/212.5	0	.12	14/3	1	2	REC/UH	16K	-21	118.7/ 5.4	57/ -2	173/04:13:35	00:06.9	
		SURV	ISDR 31	22	9	0	0		61.94	15.16		DN0044/19	1			
		COLOR STUDY/SURV														
11D230/328	08:54:59	COLOR	210.0/212.5	0	.12	1/1	1	3	REC/UH	16K	-21	123.9/14.3	62/-11	173/04:59:35	00:15.8	
		BLU	ISDR 23	23	1	0	0		33.58	8.05		DN0044/20	1			
		GRN	ISDR 23	23	1	0	0		37.68	12.76		DN0044/21	1			
		RED	ISDR 22	23	1	1	1		59.66	19.91		DN0044/22	1			
		COLOR STUDY/COLOR														
11D231/328	08:56:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-21	124.1/14.6	62/-11	173/05:01:35	00:06.9	
		SURV	ISDR 29	22	7	0	0		55.62	18.48		DN0044/23	1			
		COLOR STUDY/SURV														
11D232/328	09:49:59	COLOR	210.0/212.5	0	.12	1/1	1	3	REC/UH	16K	-21	131.6/24.1	69/-21	173/05:54:35	00:15.8	
		BLU	ISDR 23	23	1	0	0		47.77	19.34		DN0044/24	1			
		GRN	ISDR 23	23	1	0	0		61.97	29.75		DN0044/25	1			
		RED	ISDR 22	23	1	1	1		105.12	42.22		DN0044/26	1			
		COLOR STUDY/COLOR														
11D233/328	09:50:59	IR	210.0/212.5	0	.12	9/1	1	3	REC/UH	16K	-21	131.8/24.2	69/-21	173/05:55:35	00:15.8	
		IR3	ISDR 23	23	1	0	0		76.38	26.76		DN0044/27	1			
		IR2	ISDR 23	23	1	0	0		80.34	29.72		DN0044/28	1			
		IR1	ISDR 22	23	1	1	1		101.65	38.12		DN0044/29	1			
		COLOR STUDY/IR														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D234/328 09:51:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-21	131.9/24.4	70/-21	173/05:56:35	00:06.9	
	SURV	ISDR 29	22	7	0	0		97.88	39.53		DN0044/30	1			
	COLOR STUDY/SURV														
11D235/328 09:55:23	SINGLE	250.0/252.5	10	.12	4/3	1	1	REC/UH	16K	-21	132.5/25.0	70/-22	173/05:59:59	00:06.9	
	SUN	ISDR 31	22	9	0	0		67.54	8.61		DN0044/31	1			
	SUN/SURV														
11D236/328 10:35:23	SINGLE	257.5/260.0	10	.12	4/3	1	1	REC/UH	16K	-21	139.6/31.2	77/-28	173/06:39:59	00:06.9	
	SUN	ISDR 29	22	7	0	0		66.82	1.18		DN0044/32	1			
	SUN/SURV														
11D237/328 10:36:59	COLOR	210.0/212.5	0	.12	1/1	1	4	REC/UH	16K	-21	140.0/31.5	77/-29	173/06:41:35	00:15.8	
	BLU	ISDR 23	23	1	0	0		42.49	10.08		DN0044/33	1			
	GRN	ISDR 23	23	1	0	0		48.66	20.90		DN0044/34	1			
	RED	ISDR 22	23	1	1	1		73.78	30.52		DN0044/35	1			
	COLOR STUDY/COLOR														
11D238/328 10:38:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-21	140.4/31.8	78/-29	173/06:43:35	00:06.9	
	SURV	ISDR 31	22	9	0	0		132.42	57.27		DN0044/36	1			
	COLOR STUDY/SURV														
11D239/328 11:55:23	SINGLE	275.0/277.5	10	.12	4/3	1	2	REC/UH	16K	-19	158.4/40.6	95/-38	173/07:59:59	00:06.9	
	SUN	ISDR 29	22	7	0	0		34.88	.66		DN0044/37	1			
	SUN/SURV														
11D240/328 11:56:59	COLOR	210.0/212.5	0	.12	1/1	1	4	REC/UH	16K	-19	158.8/40.7	95/-38	173/08:01:35	00:15.8	
	BLU	ISDR 22	23	1	1	1		46.10	17.81		DN0044/38	1			
	GRN	ISDR 23	23	1	0	0		59.70	28.80		DN0044/39	1			
	RED	ISDR 22	23	1	1	1		97.89	40.35		DN0044/40	1			
	COLOR STUDY/COLOR														
11D241/328 11:57:59	IR	210.0/212.5	0	.12	9/1	1	4	REC/UH	16K	-19	159.1/40.8	95/-39	173/08:02:35	00:15.8	
	IR3	ISDR 23	23	1	0	0		69.11	25.92		DN0044/41	1			
	IR2	ISDR 23	23	1	0	0		7+.44	28.60		DN0044/42	1			
	IR1	ISDR 22	23	1	1	1		94.54	36.19		DN0044/43	1			
	COLOR STUDY/IR														
11D242/328 11:58:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-19	159.3/40.9	96/-39	173/08:03:35	00:06.9	
	SURV	ISDR 29	22	7	0	0		138.60	55.25		DN0044/44	1			
	COLOR STUDY/SURV														
11D243/328 15:00:23	SINGLE	327.5/330.0	10	.12	4/3	1	2	REC/UH	16K	-13	211.4/36.8	147/-37	173/11:04:59	00:06.9	
	SUN	ISDR 29	22	7	0	0		34.33	1.50		DN0044/45	1			
	SUN/SURV														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D244/328 15:01:59	COLOR	210.0/212.5	0	.12	1/1	1	4	REC/UH	16K	-13	211.7/36.6	148/-37	173/11:06:35	00:15.8	
	BLU	ISDR	24	23	2	0	0	42.08	20.97		DN0044/46	1			
	GRN	ISDR	23	23	2	1	1	48.67	20.40		DN0044/47	1			
	RED	ISDR	23	23	2	1	1	83.79	33.31		DN0044/48	1			
	COLOR STUDY/COLOR														
11D245/328 15:02:59	IR	210.0/212.5	0	.12	9/1	1	4	REC/UH	16K	-13	212.0/36.5	148/-37	173/11:07:35	00:15.8	
	IR3	ISDR	23	23	1	0	0	60.62	20.13		DN0044/49	1			
	IR2	ISDR	23	23	1	0	0	64.24	22.08		DN0044/50	1			
	IR1	ISDR	22	23	1	1	1	80.64	27.89		DN0044/51	1			
	COLOR STUDY/IR														
11D246/328 15:03:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-13	212.2/36.3	148/-37	173/11:08:35	00:06.9	
	SURV	ISDR	25	22	3	0	0	143.49	58.75		DN0044/52	1			
	COLOR STUDY/SURV														
12D247/328 16:10:23	SINGLE	165.0/167.5	10	.12	4/3	1	1	REC/UH	16K	-13	225.6/26.9	346/-28	173/12:15:00	00:06.9	
	SUN	ISDR	30	22	8	0	0	58.58	1.98		DN0044/53	1			
	SUN/SURV														
11D248/328 16:11:59	COLOR	210.0/212.5	0	.12	1/1	1	3	REC/UH	16K	-13	225.8/26.7	163/-28	173/12:16:36	00:15.8	
	BLU	ISDR	23	23	1	0	0	43.99	14.96		DN0044/54	1			
	GRN	ISDR	23	23	1	0	0	61.65	25.30		DN0044/55	1			
	RED	ISDR	22	23	1	1	1	110.14	39.69		DN0044/56	1			
	COLOR STUDY/COLOR														
11D249/328 16:12:59	IR	210.0/212.5	0	.12	9/1	1	3	REC/UH	16K	-13	226.0/26.5	163/-28	173/12:17:36	00:15.8	
	IR3	ISDR	24	23	2	0	0	81.74	26.84		DN0044/57	1			
	IR2	ISDR	23	23	2	1	1	85.68	28.00		DN0044/58	1			
	IR1	ISDR	23	23	2	1	1	107.16	35.54		DN0044/59	1			
	COLOR STUDY/IR														
11D250/328 16:13:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-13	226.2/26.3	163/-27	173/12:18:36	00:06.9	
	SURV	ISDR	30	22	8	0	0	98.93	35.08		DN0045/01	1			
	COLOR STUDY/SURV														
12D251/328 16:50:23	SINGLE	172.5/175.0	10	.12	4/3	1	0	REC/UH	16K	-13	231.9/20.1	353/-21	173/12:55:00	00:06.9	
	SUN	ISDR	30	22	8	0	0	112.45	2.03		DN0045/02	1			
	SUN/SURV														
11D252/328 16:51:59	COLOR	210.0/212.5	0	.12	1/1	1	3	REC/UH	16K	-13	232.1/19.9	169/-21	173/12:56:36	00:15.8	
	BLU	ISDR	23	23	1	0	0	36.32	9.61		DN0045/03	1			
	GRN	ISDR	23	23	1	0	0	46.20	16.70		DN0045/04	1			
	RED	ISDR	22	23	1	1	1	80.34	26.84		DN0045/05	1			
	COLOR STUDY/COLOR														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11D253/328 16:53:59	SINGLE	210.0/212.5	0	.12	14/3	1	3	REC/UH	16K	-13	232.4/19.5	170/-21	173/12:58:36	00:06.9	
	SURV	ISDR 30	22	8	0	0		72.17	23.51		DN0045/06	1			
	COLOR STUDY/SURVR														
11D254/328 17:46:59	COLOR	210.0/212.5	0	.12	1/1	1	2	REC/UH	16K	-15	239.0/ 9.6	177/-11	173/13:51:36	00:15.8	
	BLU	ISDR 23	23	1	0	0		47.30	11.59		DN0045/07	1			
	GRN	ISDR 23	23	1	0	0		54.61	13.66		DN0045/08	1			
	RED	ISDR 22	23	1	1	1		86.18	21.93		DN0045/09	1			
	COLOR STUDY/COLOR														
11D255/328 17:47:59	IR	210.0/212.5	0	.12	9/1	1	2	REC/UH	16K	-15	239.1/ 9.4	177/-11	173/13:52:36	00:15.8	
	IR3	ISDR 23	23	1	0	0		68.94	13.58		DN0045/10	1			
	IR2	ISDR 23	23	1	0	0		68.17	14.95		DN0045/11	1			
	IR1	ISDR 22	23	1	1	1		83.51	19.12		DN0045/12	1			
	COLOR STUDY/IR														
11E000/328 17:48:59	SINGLE	210.0/212.5	0	.12	14/3	1	2	REC/UH	16K	-15	239.2/ 9.3	177/-11	173/13:53:36	00:06.9	
	SURV	ISDR 30	22	8	0	0		77.26	18.48		DN0045/13	1			
	COLOR STUDY/SURV														
11E001/329 09:35:46	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.3/21.6	67/-18	174/06:19:58	00:15.8	
	SUN	ISDR 71	64	7	0	0		128.84	7.42		DN0045/14	1			
	AM DAILY SUN DIODE														
11E002/330 09:36:13	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.2/21.6	67/-18	175/07:00:00	00:15.8	
	SUN	ISDR 71	64	7	0	0		128.86	3.12		DN0045/15	1			
	AM DAILY SUN DIODE														
12E003/330 14:00:00	SINGLE	12.5/ 35.0	-20	.04	0/2	1	3	REC/UH	16K	-15	195.1/42.4	315/-42	175/11:23:46	02:01.2	
	BB2	ISDR 561	0	0	3	1		85.92	23.03		DN0045/16	1			
	MONITOR TRENCHES														
11E004/331 09:36:37	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.1/21.6	67/-18	176/07:39:59	00:14.5	
	SUN	ISDR 62	0	0	2	1		127.86	2.06		DN0045/17	1			
	AM DAILY SUN DIODE														
11E005/333 09:42:25	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.6/22.5	67/-19	178/09:04:58	00:14.5	
	SUN	ISDR 65	64	1	0	0		127.96	2.00		DN0045/18	1			
	AM DAILY SUN DIODE														
11E006/337 09:44:05	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.2/22.6	67/-19	182/11:44:58	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.25	2.10		DN0045/19	1			
	AM DAILY SUN DIODE														
12E007/337 18:41:35	SINGLE	185.0/187.5	10	.12	1/3	1	2	REC/UH	16K	-15	244.7/ 0.2	7/ -2	182/20:42:29	00:05.6	
	BLU	ISDR 23	22	1	0	0		31.87	3.98		DN0045/20	1			
	SKY CLR STUDY/OZONE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E008/337	18:42:59	SINGLE	185.0/187.5	10	.12	2/3	1	2	REC/UH	16K	-15	244.8/-0.1	7/ -2	182/20:43:53	00:05.6	
		GRN	ISDR 23	22	1	0	0		35.05	4.18		DN0045/21	1			
		SKY CLR STUDY/OZONE														
12E009/337	18:44:59	SINGLE	185.0/187.5	10	.12	1/3	1	1	REC/UH	16K	-15	245.0/-0.5	7/ -1	182/20:45:53	00:05.6	
		BLU	ISDR 25	22	3	0	0		60.07	17.68		DN0045/22	1			
		SKY CLR STUDY/OZONE														
12E010/337	18:46:59	SINGLE	185.0/187.5	10	.12	2/3	1	1	REC/UH	16K	-15	245.2/-0.9	7/ -1	182/20:47:53	00:05.6	
		GRN	ISDR 23	22	1	0	0		65.03	7.08		DN0045/23	1			
		SKY CLR STUDY/OZONE														
12E011/337	19:17:59	SINGLE	185.0/187.5	10	.12	1/3	1	0	REC/UH	16K	-15	247.9/-7.3	10/ 4	182/21:18:53	00:05.6	
		BLU	ISDR 25	22	3	0	0		115.32	15.97		DN0045/24	1			
		SKY CLR STUDY/OZONE														
12E012/337	19:19:59	SINGLE	185.0/187.5	10	.12	2/3	1	1	REC/UH	16K	-15	248.0/-7.7	10/ 5	182/21:20:53	00:05.6	
		GRN	ISDR 25	22	3	0	0		58.40	9.96		DN0045/25	1			
		SKY CLR STUDY/OZONE														
11E013/338	09:44:30	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.1/22.7	67/-19	183/12:24:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.00	2.09		DN0045/26	1			
		AM DAILY SUN DIODE														
12E014/338	12:23:59	SINGLE	150.0/155.0	0	.04	8/2	1	3	REC/UH	16K	-17	164.4/43.1	284/-41	183/15:04:28	00:27.9	
		BB1	ISDR 124	0	0	2	1		145.91	65.93		DN0045/27	1			
		BH MAGNET/BACKLIT														
12E015/338	12:53:40	SINGLE	27.5/ 35.0	-10	.04	8/2	1	4	REC/UH	16K	-17	173.4/44.3	293/-43	183/15:34:09	00:41.2	
		BB1	ISDR 187	0	0	2	1		60.36	18.50		DN0045/28	1			
		FUNL THRU MIR/PT SHADOW														
12E016/338	13:05:00	SINGLE	152.5/162.5	-30	.12	14/3	1	4	REC/UH	16K	-15	177.0/44.6	296/-43	183/15:45:29	00:19.0	
		SURV	ISDR 83	0	0	1	1		42.89	10.04		DN0045/29	1			
		TRENCH														
11E017/339	09:44:56	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-21	129.0/22.7	67/-20	184/13:05:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		129.01	2.81		DN0045/30	1			
		AM DAILY SUN DIODE														
12E018/339	12:00:00	COLOR	280.0/315.0	-20	.12	1/1	1	3	REC/UH	16K	-19	157.4/41.3	278/-39	184/15:20:04	03:07.8	
		BLU	ISDR 290	0	0	3	1		53.39	23.32		DN0045/31	1			
		GRN	ISDR 290	0	0	3	1		64.01	31.08		DN0045/32	1			
		RED	ISDR 290	0	0	3	1		107.97	50.58		DN0045/33	1			
		CHARTS AND GRID														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E019/340 06:27:59	COLOR	227.5/227.5	10	.12	1/1	1	0	REC/UH	250	-19	108.6/-16	47/ 19	185/10:27:39	25:01.2	R
	BLU	SDR 34	2	34	1	1		138.70	2.97		DN0045/34	1			
	GRN	SDR 35	2	34	0	0		138.72	2.43		DN0045/35	1			
	RED	SDR 35	2	34	0	0		138.99	1.23		DN0045/36	1			
	TWILIGHT RESCAN														
11E020/340 06:53:59	COLOR	230.0/230.0	10	.12	1/1	1	1	REC/UH	250	-21	110.5/-11	49/ 13	185/10:53:39	25:01.2	R
	BLU	SDR 34	2	34	1	1		70.30	2.40		DN0045/37	1			
	GRN	SDR 35	2	34	0	0		70.31	2.65		DN0045/38	1			
	RED	SDR 35	2	34	0	0		71.00	.53		DN0045/39	1			
	TWILIGHT RESCAN														
11E021/340 07:19:59	COLOR	232.5/232.5	10	.12	1/1	1	2	REC/UH	250	-21	112.6/-5.5	51/ 8	185/11:19:39	25:01.2	R
	BLU	SDR 34	2	34	1	1		36.08	2.99		DN0045/40	1			
	GRN	SDR 35	2	34	0	0		36.55	2.51		DN0045/41	1			
	RED	SDR 35	2	34	0	0		38.18	3.77		DN0045/42	1			
	TWILIGHT RESCAN														
11E022/340 09:45:20	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-17	128.9/22.8	67/-20	185/13:45:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		121.47	6.83		DN0045/43	1			
	AM SUN														
12E023/340 13:59:59	SINGLE	25.0/ 55.0	-10	.04	13/2	1	3	REC/UH	16K	-15	193.7/43.6	313/-43	185/17:59:38	02:41.2	
	BB3	ISDR 752	751	1	0	0		130.57	34.40		DN0045/44	1			
	SURFACE MONITOR														
12E024/340 16:50:20	SINGLE	172.5/175.0	20	.04	4/2	1	0	REC/UH	16K	-13	231.7/22.0	353/-23	185/20:49:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		112.40	2.46		DN0045/45	1			
	PM SUN														
12E025/340 18:44:59	COLOR	187.5/187.5	10	.12	1/1	1	2	REC/UH	250	-13	245.2/ 0.0	7/ -2	185/22:44:38	25:01.2	R
	BLU	SDR 34	2	34	1	1		33.52	3.19		DN0045/46	1			
	GRN	SDR 35	2	34	0	0		34.08	3.43		DN0045/47	1			
	RED	SDR 35	2	34	0	0		36.42	4.54		DN0045/48	1			
	PM TWILIGHT RESCAN														
12E026/340 19:10:59	COLOR	190.0/190.0	10	.12	1/1	1	1	REC/UH	250	-17	247.4/-5.4	10/ 3	185/23:10:38	25:01.2	R
	BLU	SDR 34	2	34	1	1		62.88	1.74		DN0045/49	1			
	GRN	SDR 35	2	34	0	0		62.98	2.12		DN0045/50	1			
	RED	SDR 35	2	34	0	0		63.26	1.01		DN0045/51	1			
	PM TWILIGHT RESCAN														
12E027/340 19:36:59	COLOR	192.5/192.5	10	.12	1/1	1	0	REC/UH	250	-15	249.5/-10	12/ 8	185/23:36:38	25:01.2	R
	BLU	SDR 34	2	34	1	1		123.40	2.98		DN0045/52	1			
	GRN	SDR 35	2	34	0	0		123.49	2.82		DN0045/53	1			
	RED	SDR 35	2	34	0	0		123.11	1.18		DN0045/54	1			
	PM TWILIGHT RESCAN														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E028/341 09:45:44	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	128.8/22.8	67/-20	186/14:24:58	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.27	2.32		DN0045/55	1			
	AM SUN DIODE														
11E029/342 09:46:09	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	128.7/22.8	66/-20	187/15:04:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.51	2.62		DN0045/56	1			
	AM SUN DIODE														
12E030/342 16:20:00	COLOR	70.0/115.0	-10	.12	1/1	1	2	REC/UH	16K	-13	226.9/27.5	348/-29	187/21:38:50	04:01.2	
	BLU	ISDR 374	0	0	2	1		98.25	54.03		DN0046/01	1			
	GRN	ISDR 374	0	0	2	1		110.65	59.28		DN0046/02	1			
	RED	ISDR 373	0	0	3	2		141.73	28.58		DN0046/03	1			
	BRIGHT & DARK DRIFTS														
12E031/342 16:25:00	IR	70.0/115.0	-10	.12	9/1	1	2	REC/UH	16K	-13	227.7/26.7	349/-28	187/21:43:50	04:01.2	
	IR3	ISDR 375	0	0	1	1		128.71	51.05		DN0046/04	1			
	IR2	ISDR 375	0	0	1	1		127.16	50.72		DN0046/05	1			
	IR1	ISDR 375	0	0	1	1		131.20	27.81		DN0046/06	1			
	BRIGHT & DARK DRIFTS														
12E032/342 16:30:00	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-12	228.6/25.9	349/-27	187/21:48:50	00:27.9	
	BLU	ISDR 41	0	0	2	1		29.26	5.47		DN0046/07	1			
	GRN	ISDR 41	0	0	2	1		33.18	9.44		DN0046/08	1			
	RED	ISDR 41	0	0	2	1		43.10	18.89		DN0046/09	1			
	RTC #2 IN CLR														
12E033/342 16:33:00	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-12	229.1/25.4	350/-27	187/21:51:50	00:27.9	
	IR3	ISDR 41	0	0	2	1		35.12	11.98		DN0046/10	1			
	IR2	ISDR 41	0	0	2	1		35.77	12.30		DN0046/11	1			
	IR1	ISDR 41	0	0	2	1		40.54	16.81		DN0046/12	1			
	RTC #2 IN IR														
12E034/343 08:17:00	COLOR	230.0/295.0	10	.12	1/1	1	3	RT/UH	16K	-12	117.4/ 5.9	240/ -3	188/14:15:25	07:14.0	
	BLU	ISDR 676	544	134	1	1		25.06	3.06		DN0046/13	1			
	GRN	ISDR 677	544	134	0	0		27.68	4.04		DN0046/14	1			
	RED	ISDR 677	544	134	0	0		37.17	7.97		DN0046/15	1			
	SKY BRIGHTNESS														
12E035/343 08:24:54	IR	230.0/295.0	10	.12	9/1	1	3	RT/UH	16K	-23	118.2/ 7.5	240/ -4	188/14:23:19	07:14.0	
	IR3	ISDR 677	544	134	0	0		31.77	5.78		DN0046/16	1			
	IR2	ISDR 677	544	134	0	0		31.82	5.88		DN0046/17	1			
	IR1	ISDR 677	544	134	0	0		.00	.00		DN0046/18	1			
	SKY BRIGHTNESS														
12E036/343 08:32:48	COLOR	230.0/295.0	10	.12	1/1	1	3	RT/UH	16K	-21	119.1/ 9.1	241/ -6	188/14:31:13	07:14.0	
	RED	ISDR 677	544	134	0	0		46.07	11.98		DN0046/21	1			
	GRN	ISDR 677	544	134	0	0		.00	.00		DN0046/20	1			
	BLU	ISDR 677	544	134	0	0		.00	.00		DN0046/19	1			
	SKY BRIGHTNESS														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E037/343	09:02:02	SINGLE	180.0/310.0	-40	.04	1/2	1	2	RT/UH	16K	-25	122.5/14.7	60/-11	188/15:00:27	10:00.0	
		BLU	ISDR	2811	0	0	440	1		44.41	10.05	DN0046/22	5			
		HR/CLR COMPOSITE														
11E038/343	09:12:42	SINGLE	180.0/310.0	-40	.04	2/2	1	2	RT/UH	16K	-23	123.8/16.7	62/-13	188/15:11:07	10:00.0	
		GRN	ISDR	2810	0	0	441	2		53.11	8.32	DN0046/23	5			
		HR/CLR COMPOSITE														
11E039/343	09:23:22	SINGLE	180.0/310.0	-40	.04	3/2	1	2	RT/UH	16K	-23	125.3/18.7	63/-15	188/15:21:47	10:00.0	
		RED	ISDR	2809	0	0	442	2		91.56	17.42	DN0046/24	5			
		HR/CLR COMPOSITE														
12E040/343	10:01:34	SINGLE	72.5/ 75.0	10	.12	4/3	1	0	REC/UH	16K	-19	130.9/25.5	253/-22	188/15:59:59	00:05.6	
		SUN	ISDR	23	22	1	0	0		111.02	.42	DN0046/25	1			
		SUN DIODE, DIURNAL TEMP														
11E041/343	10:29:59	SINGLE	215.0/220.0	-30	.04	0/2	1	3	REC/UH	16K	-21	135.9/30.1	73/-27	188/16:28:24	00:27.9	
		BB2	ISDR	127	126	1	0	0		57.19	15.73	DN0046/26	1			
		C/H IN CONTACT														
12E042/343	11:11:35	SINGLE	85.0/ 87.5	10	.12	4/3	1	0	REC/UH	16K	-19	144.4/36.2	265/-33	188/17:10:00	00:05.6	
		SUN	ISDR	23	22	1	0	0		110.98	.27	DN0046/27	1			
		SUN DIODE, DIURNAL TEMP														
12E043/343	11:56:35	SINGLE	95.0/ 97.5	10	.12	4/3	1	0	REC/UH	16K	-17	155.6/41.2	276/-39	188/17:55:00	00:05.6	
		SUN	ISDR	23	22	1	0	0		111.15	.82	DN0046/28	1			
		SUN DIODE, DIURNAL TEMP														
12E044/343	12:56:35	SINGLE	112.5/115.0	40	.04	4/2	1	0	REC/UH	16K	-15	173.4/44.9	293/-43	188/18:55:00	00:14.5	
		SUN	ISDR	65	64	1	0	0		111.39	1.73	DN0046/29	1			
		SUN DIODE, DIURNAL TEMP														
12E045/343	13:51:35	SINGLE	130.0/132.5	40	.04	4/2	1	0	REC/UH	16K	-13	190.8/44.4	310/-44	188/19:50:00	00:14.5	
		SUN	ISDR	65	64	1	0	0		111.85	2.09	DN0046/30	1			
		SUN DIODE, DIURNAL TEMP														
12E046/343	15:01:35	SINGLE	150.0/152.5	10	.12	4/3	1	0	REC/UH	16K	-12	210.5/38.8	330/-39	188/21:00:00	00:05.6	
		SUN	ISDR	23	22	1	0	0		112.62	2.04	DN0046/31	1			
		SUN DIODE, DIURNAL TEMP														
12E047/343	15:46:35	SINGLE	160.0/162.5	10	.12	4/3	1	0	REC/UH	16K	-12	220.6/32.9	341/-34	188/21:45:00	00:05.6	
		SUN	ISDR	23	22	1	0	0		113.76	1.94	DN0046/32	1			
		SUN DIODE, DIURNAL TEMP														
12E048/343	16:36:34	SINGLE	170.0/172.5	10	.12	4/3	1	0	REC/UH	16K	-12	229.6/24.9	351/-26	188/22:35:00	00:05.6	
		SUN	ISDR	23	22	1	0	0		112.54	2.04	DN0046/33	1			
		SUN DIODE, DIURNAL TEMP														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E049/343	17:26:34	SINGLE	177.5/180.0	10	.12	4/3	1	0	REC/UH	16K	-12	236.8/15.9	358/-17	188/23:24:59	00:05.6	
		SUN	ISDR	25	22	3	0	0	112.39	13.18		DN0047/01	1			
		SUN DIODE, DIURNAL TEMP														
12E050/344	09:11:59	SINGLE	65.0/ 67.5	10	.12	4/3	1	0	REC/UH	16K	-21	123.6/16.6	246/-13	189/15:50:00	00:05.6	
		SUN	ISDR	20	0	0	2	1	111.84	10.96		DN0047/02	1			
		SUN DIODE, DIURNAL TEMP														
12E051/344	10:01:34	SINGLE	72.5/ 75.0	10	.12	4/3	1	0	REC/UH	16K	-21	130.8/25.5	252/-22	189/16:39:35	00:05.6	
		SUN	ISDR	24	22	2	0	0	111.01	.31		DN0047/03	1			
		SUN DIODE, DIURNAL TEMP														
12E052/344	13:36:18	SINGLE	105.0/115.0	-40	.04	0/2	1	4	RT/SB	250	-13	185.9/45.1	305/-44	189/20:14:18	27:00.0	
		BB2	SDR	108	0	0	143	2	46.93	11.26		DN0047/04	1			
		PROGRAM DEMONSTRATION														
11E053/345	09:52:23	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.1/23.9	67/-21	190/17:09:58	00:14.5	
		SUN	ISDR	61	0	0	3	2	128.04	1.97		DN0047/05	1			
		DAILY SUN DIODE														
11E054/345	16:59:59	SINGLE	250.0/277.5	-30	.04	0/2	1	2	REC/UH	16K	-13	233.2/21.1	170/-22	191/00:17:34	02:27.9	
		BB2	ISDR	689	0	0	0	0	109.83	14.74		DN0047/06	1			
		CONICAL PILE AND MONITO														
11E055/346	07:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	110.1/-10	48/ 13	191/14:57:10	00:10.1	
		BB1	ISDR	41	0	0	2	1	109.88	53.69		DN0047/07	1			
		SCAN VER														
11E056/346	07:00:10	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	110.0/-10	48/ 13	191/14:57:20	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0047/08	1			
		CALIBRATION FRAME														
11E057/346	09:52:48	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	129.0/23.9	67/-21	191/17:49:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	128.15	7.25		DN0047/09	1			
		AM DAILY SUN DIODE														
12E058/346	10:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-23	141.3/34.7	262/-32	191/18:57:10	00:10.1	
		BB1	ISDR	41	0	0	2	1	58.31	23.32		DN0047/10	1			
		SCAN VER														
12E059/346	11:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-23	141.3/34.6	262/-32	191/18:57:20	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0047/11	1			
		CALIBRATION FRAME														
12E060/346	16:47:48	SINGLE	172.5/175.0	20	.04	4/2	1	0	REC/UH	16K	-13	231.5/23.4	353/-25	192/00:44:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	112.32	2.59		DN0047/12	1			
		PM DAILY SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVG DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E061/347 09:53:13	SINGLE	247.5/250.0	20	.04	4/2	1	0	REC/UH	16K	-23	128.9/24.0	67/-21	192/18:29:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.44	2.46		DN0047/13	1			
	AM DAILY SUN DIODE														
12E062/347 09:59:59	SINGLE	137.5/167.5	-50	.04	8/2	1	2	REC/UH	16K	-25	130.0/25.2	252/-22	192/18:36:45	02:41.2	
	BB1	ISDR 752	751	3	2	2		102.03	22.01		DN0047/14	1			
	FOOTPAD 3 MONITOR														
11E063/347 16:00:00	SINGLE	220.0/255.0	-10	.04	13/2	1	2	REC/UH	16K	-13	223.3/31.5	160/-32	193/00:36:46	03:07.8	
	BB3	ISDR 877	876	2	1	1		187.16	37.45		DN0047/15	1			
	SURFACE MONITOR														
12E064/347 22:22:22	COLOR	230.0/295.0	10	.12	1/1	1	3	RT/UH	16K	-21	260.7/-45	24/ 43	193/06:59:08	07:14.0	
	BLU	ISDR 451	544	134	226	4		77.80	53.21		DN0047/16	1			
	GRN	ISDR 455	544	134	222	1		79.93	52.67		DN0047/17	1			
	RED	ISDR 453	544	134	224	3		77.21	52.84		DN0047/18	1			
	RADIO SCIENCE														
11E065/348 09:53:38	SINGLE	247.5/250.0	30	.04	4/2	1	0	REC/UH	16K	-23	128.8/24.1	66/-21	193/19:10:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.22	2.21		DN0047/19	1			
	AM DAILY SUN DIODE														
11E066/348 13:59:59	SINGLE	220.0/220.0	-30	.12	14/3	1	3	REC/UH	250	-23	192.8/44.7	128/-44	193/23:16:21	15:01.2	R
	SURV	SDR 65	1	64	0	0		.00	.00		DN0047/20	1			
	SURFACE RESCAN														
11E067/348 17:43:38	COLOR	182.5/182.5	10	.12	1/1	1	2	REC/UH	250	-15	239.1/13.4	177/-15	194/02:59:59	15:01.2	R
	BLU	SDR 20	2	20	1	1		65.80	17.00		DN0047/21	1			
	GRN	SDR 21	2	20	0	0		87.57	28.22		DN0047/22	1			
	RED	SDR 20	2	20	1	1		130.68	39.53		DN0047/23	1			
	OZONE STUDY														
11E068/348 18:43:38	COLOR	185.0/185.0	10	.12	1/1	1	1	REC/UH	250	-13	245.5/ 1.5	184/ -3	194/03:59:59	15:01.2	R
	BLU	SDR 20	2	20	1	1		78.36	5.41		DN0047/24	1			
	GRN	SDR 21	2	20	0	0		84.32	8.55		DN0047/25	1			
	RED	SDR 21	2	20	0	0		.00	.00		DN0047/26	1			
	OZONE STUDY														
11E069/348 19:03:38	COLOR	187.5/187.5	10	.12	1/1	1	0	REC/UH	250	-15	247.3/-2.7	186/ 0	194/04:19:59	15:01.2	R
	BLU	SDR 20	2	20	1	1		144.10	4.62		DN0047/27	1			
	GRN	SDR 21	2	20	0	0		145.40	5.01		DN0047/28	1			
	RED	SDR 21	2	20	0	0		.00	.00		DN0047/29	1			
	OZONE STUDY														
11E070/348 19:20:29	COLOR	187.5/187.5	10	.12	1/1	1	0	REC/UH	250	-15	248.8/-6.2	187/ 3	194/04:36:50	15:01.2	R
	BLU	SDR 20	2	20	1	1		139.92	2.57		DN0047/30	1			
	GRN	SDR 21	2	20	0	0		139.39	2.53		DN0047/31	1			
	RED	SDR 21	2	20	0	0		.00	.00		DN0047/32	1			
	OZONE STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E071/349	09:54:02	SINGLE	247.5/250.0	30	.04	4/2	1	0	REC/UH	16K	-23	128.7/24.1	66/-21	194/19:49:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	127.87	2.01		DN0047/33	1			
		AM DAILY SUN DIODE														
11E072/349	09:59:59	IR	35.0/ 40.0	-10	.12	9/1	1	2	REC/UH	16K	-23	129.6/25.2	67/-22	194/19:55:56	00:27.9	
		IR3	ISDR	42	0	0	1	1	133.11	54.76		DN0047/34	1			
		IR2	ISDR	42	0	0	1	1	133.71	55.33		DN0047/35	1			
		IR1	ISDR	42	0	0	1	1	133.20	42.40		DN0047/36	1			
		MON. RTC #1														
11E073/349	10:03:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-23	130.2/25.9	68/-23	194/19:59:56	00:27.9	
		BLU	ISDR	42	0	0	1	1	89.79	35.65		DN0047/37	1			
		GRN	ISDR	41	0	0	2	1	124.58	57.44		DN0047/38	1			
		RED	ISDR	41	0	0	2	1	142.15	42.19		DN0047/39	1			
		MON. RTC #1														
11E074/349	12:59:59	COLOR	137.5/207.5	-30	.12	1/1	1	3	REC/UH	16K	-17	173.4/45.6	109/-44	194/22:55:55	06:14.5	
		BLU	ISDR	583	0	0	1	1	76.63	39.11		DN0047/40	1			
		GRN	ISDR	582	0	0	2	1	97.86	42.72		DN0047/41	1			
		RED	ISDR	582	0	0	2	1	149.06	56.74		DN0047/42	1			
		COLOR MONITOR														
11E075/349	13:09:59	IR	140.0/207.5	-30	.12	9/1	1	3	REC/UH	16K	-15	176.7/45.8	112/-44	194/23:05:55	06:01.2	
		IR3	ISDR	563	0	0	1	1	116.02	44.61		DN0047/43	1			
		IR2	ISDR	561	0	0	3	2	122.16	48.07		DN0047/44	1			
		IR1	ISDR	562	0	0	2	1	143.42	57.41		DN0047/45	1			
		IR MONITOR														
12E076/350	09:12:58	COLOR	215.0/265.0	10	.12	1/1	1	1	RT/UH	16K	-15	122.7/16.6	245/-13	195/19:48:30	09:48.5	
		BLU	ISDR	449	419	501	470	2	163.00	53.32		DN0047/46	2			
		GRN	ISDR	96	419	501	823	2	152.26	45.74		DN0047/47	2			
		RED	ISDR	96	419	501	823	2	166.99	58.48		DN0047/48	2			
		RADIO SCIENCE														
11E077/350	09:44:46	SINGLE	60.0/160.0	0	.04	5/2	1	3	RT/UH	16K	-21	127.1/22.5	65/-19	195/20:20:18	10:46.3	
		BB4	ISDR	3029	2501	528	0	0	96.71	29.38		DN0048/01	4			
		DISTANT DUNES														
11E078/350	14:19:59	SINGLE	227.5/232.5	-20	.04	0/2	1	3	REC/UH	16K	-13	198.7/43.8	134/-43	196/00:55:31	00:27.9	
		BB2	SDR	127	126	1	0	0	146.13	38.49		DN0048/02	1			
		COLLECTOR HEAD BEF DUMP														
11E079/350	14:47:59	SINGLE	227.5/232.5	-20	.04	0/2	1	3	REC/UH	16K	-13	206.6/41.4	142/-41	196/01:23:31	00:27.9	
		BB2	SDR	127	126	1	0	0	137.87	35.55		DN0048/03	1			
		COLLECTOR HEAD AFT DUMP														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E080/350	16:09:27	SINGLE	165.0/167.5	30	.04	4/2	1	0	REC/UH	16K	-12	225.1/30.5	346/-32	196/02:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		112.20	2.23		DN0048/04	1			
		PM DAILY SUN DIODE														
11E081/351	09:59:52	SINGLE	247.5/250.0	30	.04	4/2	1	0	REC/UH	16K	-23	129.2/25.2	67/-22	196/21:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.20	2.26		DN0048/05	1			
		AM DAILY SUN DIODE														
11E082/351	10:59:59	SINGLE	215.0/307.5	-30	.04	0/2	1	2	REC/UH	16K	-21	140.3/34.8	77/-32	196/22:15:06	08:14.5	
		BB2	SDR 2310	0	0	4	3		180.35	36.74		DN0048/06	3			
		STEREO OF TRENCH														
12E083/351	11:09:59	SINGLE	97.5/110.0	-30	.04	0/2	1	2	REC/UH	16K	-21	142.5/36.2	263/-33	196/22:25:06	01:07.9	
		BB2	SDR 244	314	1	71	1		170.71	40.46		DN0048/07	1			
		STEREO OF TRENCH														
11E084/352	10:00:17	SINGLE	247.5/250.0	30	.04	4/2	1	0	REC/UH	16K	-23	129.1/25.2	67/-22	197/21:54:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.46	2.38		DN0048/08	1			
		AM DAILY SUN DIODE														
11E085/353	10:30:41	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-23	134.1/30.4	72/-27	198/23:04:59	00:14.5	
		SUN	SDR 63	64	1	2	1		128.42	2.24		DN0048/09	1			
		AM DAILY SUN DIODE														
11E086/353	16:49:59	SINGLE	270.0/335.0	-10	.04	5/2	1	2	REC/UH	16K	-13	232.1/24.2	169/-26	199/05:24:16	05:47.8	
		BB4	ISDR 1642	1626	17	1	1		137.58	34.21		DN0048/10	2			
		MONITOR SURFACE														
11E087/354	10:31:07	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-21	134.0/30.5	71/-27	199/23:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		127.90	2.49		DN0048/11	1			
		AM DAILY SUN DIODE														
11E088/355	10:36:31	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-23	134.8/31.4	72/-28	201/00:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.67	2.25		DN0048/12	1			
		AM DAILY SUN DIODE														
11E089/356	10:36:56	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-21	134.7/31.5	72/-28	202/01:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.16	2.20		DN0048/13	1			
		AM DAILY SUN DIODE														
11E090/356	13:29:59	SINGLE	222.5/237.5	-50	.04	8/2	1	3	REC/UH	16K	-15	182.2/46.8	117/-46	202/04:03:02	01:21.2	
		BB1	SDR 377	376	1	0	0		137.63	29.95		DN0048/14	1			
		MONITOR BRUSH														
11E091/357	10:37:20	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-21	134.6/31.6	72/-29	203/01:49:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.81	2.32		DN0048/15	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E092/357	11:05:59	SINGLE	15.0/ 20.0	-20	.04	8/2	1	2	REC/UH	16K	-21	140.4/36.0	261/-33	203/02:18:38	00:27.9	
		BB1	SDR 127	126	1	0	0		147.43	47.77		DN0048/16	1			
		BACKHOE AT BRUSH														
12E093/357	11:07:29	SINGLE	15.0/ 20.0	-20	.04	8/2	5	3	REC/UH	16K	-21	140.7/36.2	262/-33	203/02:20:08	00:27.9	
		BB1	SDR 127	126	1	0	0		28.51	5.94		DN0048/17	1			
		BACKHOE AT BRUSH														
12E094/357	11:15:59	SINGLE	15.0/ 20.0	-20	.04	8/2	1	2	REC/UH	16K	-21	142.6/37.4	264/-35	203/02:28:38	00:27.9	
		BB1	SDR 127	126	1	0	0		144.24	43.57		DN0048/18	1			
		BACKHOE AT BRUSH														
12E095/357	11:17:29	SINGLE	15.0/ 20.0	-20	.04	8/2	5	3	REC/UH	16K	-19	143.0/37.6	264/-35	203/02:30:08	00:27.9	
		BB1	SDR 127	126	1	0	0		32.91	7.99		DN0048/19	1			
		BACKHOE AT BRUSH														
12E096/357	13:47:49	SINGLE	150.0/157.5	0	.04	8/2	1	2	REC/UH	16K	-12	188.0/46.6	307/-46	203/05:00:28	00:41.2	
		BB1	SDR 190	189	1	0	0		211.20	24.98		DN0048/20	1			
		BACKHOE AFTER INSERTION														
12E097/357	13:49:29	SINGLE	150.0/157.5	0	.04	8/2	5	3	REC/UH	16K	-12	188.5/46.5	308/-46	203/05:02:08	00:41.2	
		BB1	SDR 190	189	1	0	0		116.48	83.13		DN0048/21	1			
		BACKHOE AFTER INSERTION														
11E098/358	10:37:46	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-23	134.5/31.7	72/-29	204/02:30:00	00:14.5	
		SUN	SDR 62	0	0	2	1		128.18	4.80		DN0048/22	1			
		AM DAILY SUN DIODE														
12E099/358	13:17:50	SINGLE	150.0/157.5	0	.04	8/2	1	2	REC/UH	16K	-13	177.9/47.1	297/-46	204/05:10:03	00:41.2	
		BB1	SDR 190	189	1	0	0		211.93	25.02		DN0048/23	1			
		BACKHOE AFTER INSERTION														
12E100/358	13:19:30	SINGLE	150.0/157.5	0	.04	8/2	5	3	REC/UH	16K	-13	178.5/47.1	298/-46	204/05:11:43	00:41.2	
		BB1	SDR 190	189	1	0	0		104.55	79.41		DN0048/24	1			
		BACKHOE AFTER INSERTION														
11E101/359	10:38:10	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-21	134.3/31.8	72/-29	205/03:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.39	2.37		DN0048/25	1			
		AM DAILY SUN DIODE														
12E102/359	11:29:49	SINGLE	150.0/157.5	0	.04	8/2	1	2	REC/UH	16K	-19	145.5/39.3	266/-37	205/04:01:38	00:41.2	
		BB1	SDR 190	189	1	0	0		208.26	24.64		DN0048/26	1			
		BACKHOE AFTER INSERTION														
12E103/359	11:31:29	SINGLE	150.0/157.5	0	.04	8/2	5	3	REC/UH	16K	-19	145.9/39.5	267/-37	205/04:03:18	00:41.2	
		BB1	SDR 188	189	1	2	1		137.18	57.15		DN0048/27	1			
		BACKHOE AFTER INSERTION														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E104/359	11:59:59	SINGLE	27.5/ 35.0	-20	.04	1/2	1	2	REC/UH	16K	-17	153.4/42.8	274/-40	205/04:31:48	00:41.2	
		BLU	SDR 188	189	1	2	1		122.44	34.73		DN0048/28	1			
		FUNNEL HR/CLR														
12E105/359	12:01:29	SINGLE	27.5/ 35.0	-20	.04	2/2	5	3	REC/UH	16K	-17	153.8/42.9	274/-40	205/04:33:18	00:41.2	
		GRN	SDR 190	189	1	0	0		97.04	58.59		DN0048/29	1			
		FUNNEL HR/CLR														
12E106/359	12:02:59	SINGLE	27.5/ 35.0	-20	.04	3/2	1	2	REC/UH	16K	-17	154.2/43.1	274/-41	205/04:34:48	00:41.2	
		RED	SDR 188	189	1	2	1		175.40	28.66		DN0048/30	1			
		FUNNEL HR/CLR														
12E107/359	12:04:29	SINGLE	27.5/ 35.0	-20	.04	1/2	5	3	REC/UH	16K	-15	154.6/43.2	275/-41	205/04:36:18	00:41.2	
		BLU	SDR 190	189	1	0	0		111.24	63.50		DN0048/31	1			
		FUNNEL HR/CLR														
12E108/359	12:05:59	SINGLE	27.5/ 35.0	-20	.04	2/2	1	2	REC/UH	16K	-15	155.1/43.4	275/-41	205/04:37:48	00:41.2	
		GRN	SDR 190	189	1	0	0		146.59	40.00		DN0048/32	1			
		FUNNEL HR/CLR														
12E109/359	12:07:29	SINGLE	27.5/ 35.0	-20	.04	3/2	5	3	REC/UH	16K	-15	155.5/43.5	276/-41	205/04:39:18	00:41.2	
		RED	SDR 184	0	0	5	2		54.56	27.05		DN0048/33	1			
		FUNNEL HR/CLR														
11E110/360	01:08:18	SINGLE	.0/300.0	10	.12	14/3	1	0	RT/UH	16K	-17	22.7/-88	260/ 86	205/18:19:42	28:50.0	
		SURV	SDR 8104	2501	5609	6	3		125.77	6.59		DN0048/34	9			
		NIGHTTIME WITH RESCAN														
12E111/362	16:06:20	SINGLE	105.0/115.0	-40	.04	0/2	1	4	Rf/SB	250	-8	225.0/33.0	345/-34	208/10:36:55	27:00.0	
		BB2	ISDR 100	0	0	151	2		39.64	8.55		DN0049/01	1			
		ROCK IN SAMPLE FIELD														
11E112/364	06:59:54	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	107.0/-10	45/ 13	210/02:49:39	00:10.1	
		BB1	SDR 45	43	2	0	0		112.91	47.82		DN0049/02	1			
		SCAN VER														
11E113/364	07:00:04	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-21	107.0/-10	45/ 13	210/02:49:49	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0049/03	1			
		CALIBRATION FRAME														
11E114/364	10:45:09	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-21	134.7/33.2	72/-30	210/06:34:54	00:14.5	
		SUN	SDR 63	0	0	1	1		128.19	3.03		DN0049/04	1			
		AM DAILY SUN DIODE														
12E115/364	11:14:54	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-21	141.0/37.7	262/-35	210/07:04:39	00:10.1	
		BB1	SDR 45	43	2	0	0		67.02	54.76		DN0049/05	1			
		SCAN VER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E116/364	11:15:04	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	141.0/37.7	262/-35	210/07:04:49	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0049/06	1			
		CALIBRATION FRAME														
12E117/364	11:29:54	SINGLE	305.0/305.0	-30	.12	14/3	1	3	REC/UH	250	-19	144.5/39.7	265/-37	210/07:19:39	15:01.2	R
		SURV	ISDR 57	1	56	0	0		117.08	45.08		DN0049/07	1			
		GRID RESCAN														
11E118/364	11:49:54	SINGLE	40.0/ 60.0	-10	.04	5/2	1	3	REC/UH	16K	-17	149.6/42.2	86/-40	210/07:39:39	01:47.9	
		BB4	ISDR 497	0	0	4	1		173.25	48.89		DN0049/08	1			
		MONITOR OVER BACK OF LDR														
11E119/365	10:45:32	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-19	134.6/33.3	72/-30	211/07:14:53	00:14.5	
		SUN	SDR 65	64	1	0	0		128.21	3.74		DN0049/09	1			
		AM DAILY SUN DIODE														
11E120/366	09:59:54	IR	35.0/ 40.0	-10	.12	9/1	1	2	REC/UH	16K	-21	126.4/25.5	64/-22	212/07:08:50	00:27.9	
		IR3	SDR 42	0	0	1	1		138.76	45.95		DN0049/10	1			
		IR2	SDR 41	0	0	2	1		138.32	44.47		DN0049/11	1			
		IR1	SDR 41	0	0	2	1		155.92	48.53		DN0049/12	1			
		RTC #1														
11E121/366	10:03:54	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-21	127.0/26.3	65/-23	212/07:12:50	00:27.9	
		BLU	SDR 41	0	0	2	2		139.33	57.62		DN0049/13	1			
		GRN	SDR 40	0	0	3	2		135.15	40.40		DN0049/14	1			
		RED	SDR 40	0	0	3	2		163.70	42.92		DN0049/15	1			
		RTC #1														
11E122/366	10:45:58	SINGLE	252.5/255.0	30	.04	4/2	1	0	REC/UH	16K	-19	134.5/33.4	72/-30	212/07:54:54	00:14.5	
		SUN	SDR 65	64	1	0	0		128.58	2.70		DN0049/16	1			
		AM DAILY SUN DIODE														
11E123/366	10:59:55	COLOR	162.5/245.0	10	.12	1/1	1	4	REC/UH	16K	-19	137.3/35.6	74/-33	212/08:08:51	07:21.2	
		BLU	ISDR 687	0	0	2	1		92.86	56.29		DN0049/17	1			
		GRN	ISDR 686	0	0	3	2		113.64	63.25		DN0049/18	1			
		RED	ISDR 686	0	0	3	1		137.85	60.65		DN0049/19	1			
		SKY BRIGHTNESS														
11E124/366	11:09:55	IR	162.5/245.0	10	.12	9/1	1	4	REC/UH	16K	-19	139.5/37.1	76/-34	212/08:18:51	07:21.2	
		IR3	ISDR 688	0	0	1	1		109.77	49.42		DN0049/20	1			
		IR2	ISDR 686	0	0	3	2		115.23	51.79		DN0049/21	1			
		IR1	ISDR 687	0	0	2	1		134.29	55.72		DN0049/22	1			
		SKY BRIGHTNESS														
12E125/366	16:15:58	SINGLE	167.5/170.0	30	.04	4/2	1	0	REC/UH	16K	-6	227.1/32.2	348/-33	212/13:24:54	00:14.5	
		SUN	SDR 62	0	0	2	1		113.44	2.27		DN0049/23	1			
		PM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E126/367	07:28:52	COLOR	215.0/265.0	10	.12	1/1	1	0	RT/UH	16K	-6	108.9/-4.7	231/ 7	213/05:17:23	09:48.5	
		BLU	SDR 918	419	501	1	1		124.73	13.45		DN0049/24	2			
		GRN	SDR 915	419	501	4	4		133.12	13.18		DN0049/25	2			
		RED	SDR 916	419	501	3	3		153.26	9.95		DN0049/26	2			
		ZERO PHASE SKY DYNAMICS														
12E127/367	07:39:20	COLOR	215.0/265.0	10	.12	1/1	1	0	RT/UH	16K	-21	109.8/-2.5	232/ 5	213/05:27:51	09:48.5	
		BLU	SDR 914	419	501	5	4		137.61	17.24		DN0049/27	2			
		GRN	SDR 912	419	501	7	6		145.47	17.40		DN0049/28	2			
		RED	SDR 912	419	501	7	5		174.95	17.95		DN0049/29	2			
		ZERO PHASE SKY DYNAMICS														
12E128/367	08:11:09	COLOR	210.0/270.0	10	.12	1/1	1	0	RT/UH	16K	-19	112.8/ 4.2	235/ -1	213/05:59:40	10:46.3	
		BLU	ISDR 1009	502	508	0	0		183.36	38.47		DN0049/30	2			
		GRN	ISDR 1009	502	508	0	0		182.38	34.38		DN0049/31	2			
		RED	ISDR 1007	502	508	2	2		192.31	35.35		DN0049/32	2			
		ZERO PHASE SKY DYNAMICS														
12E129/367	08:22:35	COLOR	210.0/270.0	10	.12	1/1	1	1	RT/UH	16K	-15	113.9/ 6.6	236/ -3	213/06:11:06	10:46.3	
		BLU	ISDR 1009	502	508	0	0		127.71	36.21		DN0049/33	2			
		GRN	ISDR 1008	502	508	1	1		151.78	45.19		DN0049/34	2			
		RED	ISDR 1008	502	508	1	1		177.47	42.19		DN0049/35	2			
		ZERO PHASE SKY DYNAMICS														
12E130/367	08:34:01	COLOR	210.0/270.0	10	.12	1/1	1	1	RT/UH	16K	-13	115.1/ 8.9	237/ -6	213/06:22:32	10:46.3	
		BLU	ISDR 1007	502	508	2	2		151.71	48.89		DN0050/01	2			
		GRN	ISDR 1008	502	508	1	1		164.69	51.35		DN0050/02	2			
		RED	ISDR 1007	502	508	2	2		184.06	46.32		DN0050/03	2			
		ZERO PHASE SKY DYNAMICS														
11E131/367	10:36:28	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.4/32.0	70/-29	213/08:24:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.05	2.52		DN0050/04	1			
		AM DAILY SUN DIODE														
11E132/367	10:37:28	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-21	132.6/32.1	70/-29	213/08:25:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		67.00	1.46		DN0051/01	1			
		AM DAILY SUN DIODE														
12E133/367	16:36:19	SINGLE	105.0/115.0	-40	.04	0/2	1	4	RT/SB	250	-6	230.9/28.9	352/-30	213/14:24:50	27:00.0	
		BB2	ISDR 35	0	0	216	2		42.51	36.61		DN0051/02	1			
		PROGRAM DEMONSTRATION														
11E134/368	10:36:53	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.3/32.1	70/-29	214/09:04:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		129.09	3.50		DN0051/03	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E135/368	10:37:53	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-19	132.5/32.3	70/-29	214/09:05:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	66.85	1.68		DN0051/04	1			
		AM DAILY SUN DIODE														
11E136/369	09:59:58	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-21	125.8/25.7	64/-22	215/09:07:40	00:27.9	
		BLU	ISDR	42	0	0	1	1	139.16	55.51		DN0051/05	1			
		GRN	ISDR	42	0	0	1	1	139.15	38.85		DN0051/06	1			
		RED	ISDR	42	0	0	1	1	164.60	42.23		DN0051/07	1			
		RTC #1,CLR														
11E137/369	10:04:58	IR	35.0/ 40.0	-10	.12	9/1	1	2	REC/UH	16K	-21	126.6/26.6	64/-23	215/09:12:40	00:27.9	
		IR3	ISDR	42	0	0	1	1	145.60	44.34		DN0051/08	1			
		IR2	ISDR	42	0	0	1	1	148.82	45.97		DN0051/09	1			
		IR1	ISDR	42	0	0	1	1	157.60	46.46		DN0051/10	1			
		RTC #1, IR														
11E138/369	10:37:16	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.2/32.2	70/-29	215/09:44:58	00:14.5	
		SUN	ISDR	65	64	1	0	0	128.47	2.82		DN0051/11	1			
		AM DAILY SUN DIODE														
11E139/369	10:38:16	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-21	132.4/32.4	70/-29	215/09:45:58	00:14.5	
		SUN	ISDR	65	64	1	0	0	66.96	1.18		DN0051/12	1			
		AM DAILY SUN DIODE														
12E140/369	11:34:28	COLOR	285.0/295.0	-10	.12	1/1	1	2	REC/UH	16K	-19	144.6/40.8	265/-38	215/10:42:10	00:54.5	
		BLU	ISDR	83	0	0	1	1	186.06	35.00		DN0051/13	1			
		GRN	ISDR	83	0	0	1	1	191.88	32.20		DN0051/14	1			
		RED	ISDR	83	0	0	1	1	193.90	35.73		DN0051/15	1			
		MAGNET PHOTOMETRICS, CL														
12E141/369	11:36:28	COLOR	285.0/295.0	-10	.12	1/1	5	2	REC/UH	16K	-17	145.2/41.1	266/-38	215/10:44:10	00:54.5	
		BLU	ISDR	83	0	0	1	1	158.27	61.74		DN0051/16	1			
		GRN	ISDR	83	0	0	1	1	98.48	59.28		DN0051/17	1			
		RED	ISDR	83	0	0	1	1	120.24	68.28		DN0051/18	1			
		MAGNET PHOTOMETRICS, CL														
12E142/369	11:38:28	IR	285.0/295.0	-10	.12	9/1	1	2	REC/UH	16K	-17	145.7/41.3	266/-39	215/10:46:10	00:54.5	
		IR3	ISDR	83	0	0	1	1	188.79	32.30		DN0051/19	1			
		IR2	ISDR	83	0	0	1	1	188.27	32.62		DN0051/20	1			
		IR1	ISDR	83	0	0	1	1	201.12	35.25		DN0051/21	1			
		MAGNET PHOTOMETRICS, IR														
12E143/369	11:40:28	IR	285.0/295.0	-10	.12	9/1	5	2	REC/UH	16K	-17	146.2/41.6	267/-39	215/10:48:10	00:54.5	
		IR3	ISDR	83	0	0	1	1	132.57	70.07		DN0051/22	1			
		IR2	ISDR	83	0	0	1	1	130.85	68.73		DN0051/23	1			
		IR1	ISDR	83	0	0	1	1	127.80	64.60		DN0051/24	1			
		MAGNET PHOTOMETRICS, IR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD LINES	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E144/369	11:44:28	SINGLE	290.0/295.0	-20	.04	13/2	1	1	REC/UH	16K	-17	147.2/42.1	268/-39	215/10:52:10	00:27.9	
		BB3	ISDR 124	0	0	2	1		159.13	56.14		DN0051/25	1			
		BACKHOE IN MAG MIRROR														
12E145/369	11:46:28	SINGLE	290.0/295.0	-20	.04	13/2	3	2	REC/UH	16K	-17	147.7/42.3	268/-40	215/10:54:10	00:27.9	
		BB3	ISDR 128	126	2	0	0		160.84	52.98		DN0051/26	1			
		BACKHOE IN MAG MIRROR														
12E146/369	11:51:58	SINGLE	27.5/ 35.0	-20	.04	8/2	1	1	REC/UH	16K	-15	149.2/43.0	270/-40	215/10:59:40	00:41.2	
		BB1	ISDR 190	189	1	0	0		203.24	29.06		DN0051/27	1			
		XRFS FUNNEL IN BOOM MIR														
12E147/369	11:53:58	SINGLE	27.5/ 35.0	-20	.04	8/2	3	2	REC/UH	16K	-15	149.8/43.2	270/-41	215/11:01:40	00:41.2	
		BB1	ISDR 190	189	1	0	0		104.10	58.82		DN0051/28	1			
		XRFS FUNNEL IN BOOM MIR														
12E148/369	14:59:59	SINGLE	115.0/125.0	-30	.04	0/2	1	3	REC/UH	16K	-6	209.8/43.4	329/-44	215/14:07:41	00:54.5	
		BB2	ISDR 253	251	2	0	0		137.97	47.30		DN0051/29	1			
		BASHFUL ROCK AFTER PUSH														
11E149/370	10:37:43	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.1/32.4	69/-29	216/10:25:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.44	2.62		DN0051/30	1			
		AM DAILY SUN DIODE														
11E150/370	10:38:43	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-21	132.2/32.5	70/-29	216/10:26:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		66.99	.63		DN0051/31	1			
		AM DAILY SUN DIODE														
11E151/371	10:38:07	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	131.9/32.5	69/-29	217/11:04:59	00:14.5	
		SUN	SDR 62	0	0	2	1		127.85	3.21		DN0051/32	1			
		AM DAILY SUN DIODE														
11E152/371	10:39:07	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-19	132.1/32.6	69/-29	217/11:05:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		67.55	9.01		DN0051/33	1			
		AM DAILY SUN DIODE														
11E153/371	21:34:44	SINGLE	.0/300.0	10	.12	14/3	1	0	RT/UH	16K	-39	261.6/-32	200/ 29	217/22:01:36	07:14.0	
		SURV	ISDR 730	0	0	1771	2		118.48	20.38		DN0051/34	4			
		NIGHTTIME SURVEY W/RSCN														
12E154/372	06:32:59	COLOR	47.5/ 47.5	10	.12	1/1	1	0	REC/UH	250	-39	103.4/-16	226/ 19	218/07:39:26	25:01.2	R
		BLU	ISDR 34	2	34	1	1		125.06	2.60		DN0051/35	1			
		GRN	ISDR 35	2	34	0	0		124.19	2.89		DN0051/36	1			
		RED	ISDR 35	2	34	0	0		124.15	1.81		DN0051/37	1			
		TWILIGHT THRESHOLD														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA TOTAL RECORD LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E155/372	06:59:29	COLOR	50.0/ 50.0	10	.12	1/1	1	1	REC/UH	250	-23	105.5/-11	228/ 14	218/08:05:56	25:01.2	R
		BLU	ISDR 34	2	34	1	1		71.43	11.50		DN0051/38	1			
		GRN	ISDR 35	2	34	0	0		70.08	9.15		DN0051/39	1			
		RED	ISDR 35	2	34	0	0		69.24	7.17		DN0051/40	1			
		TWILIGHT THRESHOLD														
12E156/372	07:25:59	COLOR	52.5/ 52.5	10	.12	1/1	1	2	REC/UH	250	-21	107.7/- 5	230/ 8	218/08:32:26	25:01.2	R
		BLU	ISDR 35	2	34	0	0		55.19	25.91		DN0051/41	1			
		GRN	ISDR 35	2	34	0	0		52.29	19.82		DN0051/42	1			
		RED	ISDR 35	2	34	0	0		52.24	16.96		DN0051/43	1			
		TWILIGHT THRESHOLD														
11E157/372	09:59:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-21	125.2/25.8	63/-23	218/11:06:26	00:27.9	
		BLU	SDR 42	0	0	1	1		134.60	50.32		DN0051/44	1			
		GRN	SDR 41	0	0	2	1		147.94	38.77		DN0051/45	1			
		RED	SDR 41	0	0	2	1		167.65	37.98		DN0051/46	1			
		MONITOR RTC #1, CLR														
11E158/372	10:43:32	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.7/33.4	70/-30	218/11:49:59	00:14.5	
		SUN	SDR 65	64	1	0	0		128.87	3.79		DN0051/47	1			
		AM DAILY SUN DIODE														
11E159/372	10:44:32	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-19	132.9/33.6	70/-30	218/11:50:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.84	1.41		DN0051/48	1			
		AM DAILY SUN DIODE														
11E160/372	10:59:59	SINGLE	252.5/265.0	-10	.04	5/2	1	2	REC/UH	16K	-19	136.1/36.1	73/-33	218/12:06:26	01:07.9	
		BB4	SDR 315	314	1	0	0		189.35	33.48		DN0051/49	1			
		MONITOR														
12E161/372	16:43:32	SINGLE	172.5/175.0	30	.04	4/2	1	0	REC/UH	16K	-4	232.5/28.3	353/-30	218/17:49:59	00:14.5	
		SUN	SDR 59	0	0	5	1		114.36	7.41		DN0051/50	1			
		PM DAILY SUN DIODE														
12E162/372	16:44:32	SINGLE	172.5/175.0	30	.04	4/2	1	1	REC/UH	16K	-4	232.7/28.1	354/-29	218/17:50:59	00:14.5	
		SUN	SDR 65	64	1	0	0		59.02	.44		DN0051/51	1			
		PM DAILY SUN DIODE														
12E163/372	19:03:29	COLOR	192.5/192.5	10	.12	1/1	1	2	REC/UH	250	-4	249.8/ .6	12/- 3	218/20:09:57	25:01.2	R
		BLU	ISDR 34	2	34	1	1		52.39	23.94		DN0051/52	1			
		GRN	ISDR 35	2	34	0	0		51.15	20.37		DN0051/53	1			
		RED	ISDR 35	2	34	0	0		51.47	17.48		DN0051/54	1			
		PM TWILIGHT RESCAN														
12E164/372	19:29:59	COLOR	195.0/195.0	10	.12	1/1	1	1	REC/UH	250	-10	252.2/- 4	14/ 2	218/20:36:27	25:01.2	R
		BLU	ISDR 35	2	34	0	0		71.39	14.66		DN0052/01	1			
		GRN	ISDR 35	2	34	0	0		69.12	8.77		DN0052/02	1			
		RED	ISDR 35	2	34	0	0		68.81	7.13		DN0052/03	1			
		PM TWILIGHT RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E165/372	19:56:29	COLOR	197.5/197.5	10	.12	1/1	1	0	REC/UH	250	-10	254.4/-10	17/ 8	218/21:02:57	25:01.2	R
		BLU	ISDR 35	2	34	0	0		124.48	8.20		DN0052/04	1			
		GRN	ISDR 35	2	34	0	0		124.06	2.98		DN0052/05	1			
		RED	ISDR 35	2	34	0	0		124.12	1.84		DN0052/06	1			
		PM TWILIGHT RESCAN														
11E166/373	10:43:55	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-21	132.6/33.6	70/-30	219/12:29:58	00:14.5	
		SUN	SDR 62	0	0	2	1		128.47	2.67		DN0052/07	1			
		AM DAILY SUN DIODE														
11E167/373	10:44:55	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-19	132.8/33.7	70/-31	219/12:30:58	00:14.5	
		SUN	SDR 62	0	0	2	1		66.99	.82		DN0052/08	1			
		AM DAILY SUN DIODE														
12E168/373	16:38:56	SINGLE	172.5/175.0	30	.04	4/2	1	0	REC/UH	16K	-4	231.9/29.3	353/-31	219/18:24:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		113.07	2.62		DN0052/09	1			
		PM DAILY SUN DIODE														
11E169/374	10:44:22	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	132.5/33.7	70/-31	220/13:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		127.91	4.55		DN0052/10	1			
		AM DAILY SUN DIODE														
11E170/375	10:44:47	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	132.4/33.9	70/-31	221/13:50:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		129.06	3.41		DN0052/11	1			
		AM DAILY SUN DIODE														
11E171/376	09:59:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-21	124.4/26.0	62/-23	222/13:44:47	00:27.9	
		BLU	ISDR 42	0	0	1	1		136.74	46.35		DN0052/12	1			
		GRN	ISDR 42	0	0	1	1		158.65	39.91		DN0052/13	1			
		RED	ISDR 42	0	0	1	1		172.72	36.97		DN0052/14	1			
		RTC CLR FOR SKY BRIGHT														
11E172/376	10:04:59	IR	35.0/ 40.0	-10	.12	9/1	1	2	REC/UH	16K	-19	125.2/27.0	63/-24	222/13:49:47	00:27.9	
		IR3	ISDR 42	0	0	1	1		155.44	45.01		DN0052/15	1			
		IR2	ISDR 41	0	0	2	1		158.10	46.10		DN0052/16	1			
		IR1	ISDR 41	0	0	2	1		162.50	41.38		DN0052/17	1			
		RTC IR FOR SKY BRIGHT														
11E173/376	10:35:11	SINGLE	247.5/250.0	10	.12	4/3	1	0	REC/UH	16K	-19	130.4/32.3	68/-29	222/14:19:59	00:05.6	
		SUN	ISDR 23	22	1	0	0		128.39	3.05		DN0052/18	1			
		AM SUN DIODE, OPT. DEPT														
11E174/376	10:55:11	SINGLE	250.0/255.0	10	.12	14/3	1	3	REC/UH	16K	-19	134.3/35.7	71/-33	222/14:39:59	00:10.1	
		SURV	ISDR 44	43	1	0	0		111.90	58.86		DN0052/19	1			
		SURV SUN BEHIND BOOM														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E175/376	11:00:11	COLOR	207.5/257.5	10	.12	1/1	9	5	REC/UH	16K	-19	135.3/36.5	72/-33	222/14:44:59	04:27.8	
		BLU	ISDR	417	0	0	1	1	85.16	50.62		DN0052/20	1			
		GRN	ISDR	415	0	0	3	2	101.91	49.06		DN0052/21	1			
		RED	ISDR	416	0	0	2	1	104.83	44.86		DN0052/22	1			
		SKY BRIGHT, SUN OCCULTE														
11E176/376	11:07:11	COLOR	207.5/257.5	10	.12	1/1	1	3	REC/UH	16K	-17	136.8/37.6	74/-35	222/14:51:59	04:27.8	
		BLU	SDR	415	0	0	3	2	79.83	39.29		DN0052/23	1			
		GRN	SDR	416	0	0	2	1	105.37	49.80		DN0052/24	1			
		RED	SDR	414	0	0	4	2	140.06	65.81		DN0052/25	1			
		SKY BRIGHT, SUN OCCULTE														
11E177/376	11:15:11	IR	222.5/257.5	10	.12	9/1	1	3	REC/UH	16K	-15	138.6/38.8	76/-36	222/14:59:59	03:07.8	
		IR3	ISDR	292	0	0	1	1	111.95	49.80		DN0052/26	1			
		IR2	ISDR	292	0	0	1	1	115.29	53.22		DN0052/27	1			
		IR1	ISDR	290	0	0	3	2	131.87	62.76		DN0052/28	1			
		SKY BRIGHT, SUN OCCULTE														
11E178/376	11:22:11	IR	225.0/257.5	10	.12	9/1	9	5	REC/UH	16K	-15	140.2/39.8	77/-37	222/15:06:59	02:54.5	
		IR3	ISDR	271	0	0	1	1	68.78	32.97		DN0052/29	1			
		IR2	ISDR	271	0	0	1	1	78.64	37.51		DN0052/30	1			
		IR1	ISDR	270	0	0	2	1	102.99	43.55		DN0052/31	1			
		SKY BRIGHT, SUN OCCULTE														
12E179/376	11:35:19	SINGLE	132.5/142.5	-30	.04	0/2	1	3	REC/UH	16K	-17	143.4/41.6	264/-39	222/15:20:07	00:54.5	
		BB2	ISDR	247	0	0	4	1	119.81	53.38		DN0052/32	1			
		CONTACT WITH METATE														
12E180/376	11:41:49	SINGLE	132.5/142.5	-30	.04	0/2	1	3	REC/UH	16K	-17	145.1/42.5	266/-40	222/15:26:37	00:54.5	
		BB2	ISDR	254	251	3	0	0	119.35	51.87		DN0052/33	1			
		AFTER 1ST CHIP														
12E181/376	11:48:39	SINGLE	132.5/142.5	-30	.04	0/2	1	3	REC/UH	16K	-15	146.9/43.3	267/-41	222/15:33:27	00:54.5	
		BB2	ISDR	254	251	3	0	0	121.92	53.05		DN0052/34	1			
		AFTER 2ND CHIP														
11E182/376	11:56:29	SINGLE	322.5/332.5	-30	.04	0/2	1	3	REC/UH	16K	-13	149.1/44.3	85/-42	222/15:41:17	00:54.5	
		BB2	ISDR	252	251	1	0	0	120.48	43.76		DN0052/35	1			
		STEREO PAIR AFT FRACTUR														
12E183/376	11:58:59	SINGLE	132.5/142.5	-30	.04	0/2	1	3	REC/UH	16K	-15	149.8/44.6	270/-42	222/15:43:47	00:54.5	
		BB2	ISDR	252	251	1	0	0	131.48	54.93		DN0052/36	1			
		STEREO PAIR AFT FRACTUR														
12E184/376	16:40:11	SINGLE	172.5/175.0	30	.04	4/2	1	0	REC/UH	16K	-2	232.4/29.5	353/-31	222/20:24:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	114.68	2.17		DN0052/37	1			
		PM DAILY SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E185/377 10:44:35	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	132.0/34.1	69/-31	223/15:08:58	00:14.5	
	SUN	ISDR 65	64	1	0	0		129.01	4.25		DN0052/38	1			
	AM DAILY SUN DIODE														
11E186/378 10:46:00	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	132.1/34.4	69/-31	224/15:49:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.48	3.88		DN0052/39	1			
	AM DAILY SUN DIODE														
12E187/378 16:36:01	SINGLE	172.5/175.0	30	.04	4/2	1	0	REC/UH	16K	-2	232.0/30.6	353/-32	224/21:40:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		114.35	2.59		DN0052/40	1			
	PM DAILY SUN DIODE														
12E188/379 07:50:19	COLOR	25.0/157.5	10	.12	1/1	1	1	RT/UH	16K	-21	108.6/ 0.0	231/ 2	225/13:33:53	12:02.0	
	BLU	ISDR 1127	1106	22	0	0		110.45	49.62		DN0052/41	2			
	GRN	ISDR 1127	1106	22	0	0		121.60	51.78		DN0052/42	2			
	RED	ISDR 1127	1106	22	0	0		143.48	49.03		DN0052/43	2			
	SKY DYNAMICS AT SUNRISE														
12E189/379 08:03:01	COLOR	25.0/157.5	10	.12	1/1	1	2	RT/UH	16K	-19	109.8/ 2.7	232/ 0	225/13:46:35	12:02.0	
	BLU	ISDR 1127	1106	22	0	0		85.25	53.40		DN0052/44	2			
	GRN	ISDR 1127	1106	22	0	0		94.39	53.87		DN0052/45	2			
	RED	ISDR 1126	1106	22	1	1		109.09	50.01		DN0052/46	2			
	SKY DYNAMICS AT SUNRISE														
12E190/379 08:15:43	COLOR	25.0/157.5	10	.12	1/1	1	3	RT/UH	16K	-15	111.0/ 5.4	233/ -2	225/13:59:17	12:02.0	
	BLU	ISDR 1125	1106	22	2	2		75.72	54.71		DN0053/01	2			
	GRN	ISDR 1126	1106	22	1	1		74.72	48.08		DN0053/02	2			
	RED	ISDR 1127	1106	22	0	0		78.93	41.91		DN0053/03	2			
	SKY DYNAMICS AT SUNRISE														
11E191/379 10:46:26	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-19	132.0/34.6	69/-31	225/16:30:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		128.62	3.12		DN0053/04	1			
	AM DAILY SUN DIODE														
11E192/379 13:59:59	SINGLE	270.0/280.0	-20	.04	13/2	1	3	REC/UH	16K	-8	190.8/50.0	125/-49	225/19:43:34	00:54.5	
	BB3	ISDR 254	251	3	0	0		164.80	51.51		DN0053/05	1			
	STEREO MET./ ROCKS PILE														
12E193/379 14:04:59	SINGLE	77.5/ 82.5	-20	.04	13/2	1	3	REC/UH	16K	-6	192.6/49.8	311/-49	225/19:48:34	00:27.9	
	BB3	ISDR 127	126	1	0	0		164.97	47.40		DN0053/06	1			
	STEREO ROCKS PILE														
12E194/379 14:09:59	SINGLE	87.5/ 92.5	-20	.04	13/2	1	3	REC/UH	16K	-6	194.3/49.5	313/-49	225/19:53:34	00:27.9	
	BB3	ISDR 129	126	3	0	0		165.87	52.61		DN0053/07	1			
	STEREO METATE PILE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E195/380	10:46:50	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	131.8/34.7	69/-32	226/17:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.38	4.67		DN0053/08	1			
		AM DAILY SUN DIODE														
11E196/380	10:47:50	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-17	132.0/34.9	69/-32	226/17:11:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		66.87	2.45		DN0053/09	1			
		AM DAILY SUN DIODE														
11E197/381	10:52:14	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	132.7/35.7	70/-33	227/17:54:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		128.28	5.28		DN0053/10	1			
		AM DAILY SUN DIODE														
11E198/382	10:52:39	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	132.6/35.9	70/-33	228/18:34:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		124.23	5.34		DN0053/11	1			
		AM DAILY SUN DIODE														
11E199/382	10:53:39	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-17	132.8/36.1	70/-33	228/18:35:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		62.98	2.35		DN0053/12	1			
		AM DAILY SUN DIODE														
11E200/383	10:53:04	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	132.5/36.1	70/-33	229/19:14:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		127.44	6.37		DN0053/13	1			
		AM DAILY SUN DIODE														
11E201/383	21:08:51	SINGLE	.0/300.0	10	.12	14/3	1	0	RT/UH	16K	20	261.9/-25	201/ 22	230/05:30:46	07:14.0	
		SURV	ISDR 544	0	0	1957	2		115.60	26.30		DN0053/14	4			
		RADIO SCIENCE														
11E202/384	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	103.3/-10	41/ 13	230/16:01:30	00:10.1	
		BB1	ISDR 46	43	3	0	0		111.88	55.34		DN0053/15	1			
		SCAN VER & CAL-CAM1														
11E203/384	07:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	103.3/-10	41/ 13	230/16:01:40	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0053/16	1			
		CALIBRATION FRAME														
11E204/384	10:52:59	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-15	132.3/36.2	70/-33	230/19:54:30	00:14.5	
		SUN	ISDR 65	64	1	0	0		127.55	6.25		DN0053/17	1			
		AM DAILY SUN DIODE														
12E205/384	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-8	168.4/50.9	287/-49	230/22:01:30	00:10.1	
		BB1	ISDR 44	43	1	0	0		44.50	21.86		DN0053/18	1			
		SCAN VER & CAL-CAM2														
12E206/384	13:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-6	168.4/50.8	287/-49	230/22:01:40	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0053/19	1			
		CALIBRATION FRAME														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E207/384 13:59:59	SINGLE	170.0/210.0	0	.04	5/2	1	3	REC/UH	16K	-4	190.7/51.0	125/-50	230/23:01:29	03:34.5	
	BB4	ISDR 998	0	0	3	2		184.29	40.22		DN0053/20	2			
	MONITOR DRIFTS.														
12E208/384 14:59:59	SINGLE	115.0/125.0	-30	.04	0/2	1	3	REC/UH	16K	0	210.7/46.1	330/-46	231/00:01:29	00:54.5	
	BB2	ISDR 250	0	0	1	1		145.87	55.31		DN0053/21	1			
	BASHFUL TRENCH, XRFS														
11E209/385 10:53:43	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	132.2/36.4	69/-33	231/20:34:48	00:14.5	
	SUN	ISDR 65	64	1	0	0		127.17	6.37		DN0053/22	1			
	AM DAILY SUN DIODE														
11E210/385 10:54:43	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-17	132.4/36.6	70/-33	231/20:35:48	00:14.5	
	SUN	ISDR 65	64	1	0	0		66.33	2.87		DN0053/23	1			
	AM DAILY SUN DIODE														
11E211/385 13:59:59	SINGLE	210.0/282.5	0	.04	5/2	1	3	REC/UH	16K	-6	190.7/51.2	125/-50	231/23:41:04	06:27.8	
	BB4	ISDR 1768	0	0	46	3		160.68	53.35		DN0053/24	3			
	MONITOR DRIFTS														
11E212/386 10:29:59	IR	35.0/ 40.0	-10	.12	9/1	1	2	REC/UH	16K	-19	127.5/32.4	65/-29	232/20:50:40	00:27.9	
	IR3	ISDR 42	0	0	1	1		178.43	38.26		DN0053/25	1			
	IR2	ISDR 42	0	0	1	1		181.87	39.00		DN0053/26	1			
	IR1	ISDR 42	0	0	1	1		188.36	39.40		DN0053/27	1			
	RTC #1, IR														
11E213/386 10:31:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	2	REC/UH	16K	-17	127.8/32.8	65/-30	232/20:52:40	00:27.9	
	BLU	ISDR 42	0	0	1	1		182.25	47.82		DN0053/28	1			
	GRN	ISDR 41	0	0	2	1		180.41	44.22		DN0053/29	1			
	RED	ISDR 41	0	0	2	1		191.00	28.13		DN0053/30	1			
	RTC #1, CLR														
11E214/386 10:59:18	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-15	133.2/37.4	70/-34	232/21:19:59	00:14.5	
	SUN	ISDR 67	64	3	0	0		139.15	10.10		DN0053/31	1			
	AM DAILY SUN DIODE														
11E215/386 11:01:18	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-15	133.6/37.8	71/-35	232/21:21:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		65.54	3.08		DN0053/32	1			
	AM DAILY SUN DIODE														
11E216/386 15:34:59	COLOR	297.5/307.5	-20	.12	1/1	1	2	REC/UH	16K	0	220.4/41.9	156/-43	233/01:55:40	00:54.5	
	BLU	ISDR 84	0	0	0	0		144.53	51.84		DN0053/33	1			
	GRN	ISDR 84	0	0	0	0		152.80	47.28		DN0053/34	1			
	RED	ISDR 83	0	0	1	1		176.49	38.50		DN0053/35	1			
	DEEP HOLE CLR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E217/386	15:37:59	COLOR	297.5/307.5		-20 .12	1/1	5	3	REC/UH	16K	0	221.1/41.5	157/-42	233/01:58:40	00:54.5	
		BLU	ISDR	83	0 0	1	1		62.82	64.01		DN0053/36	1			
		GRN	ISDR	83	0 0	1	1		49.86	24.24		DN0053/37	1			
		RED	ISDR	83	0 0	1	1		86.05	41.63		DN0053/38	1			
		DEEP HOLE CLR														
11E218/386	15:40:59	IR	297.5/307.5		-20 .12	9/1	1	2	REC/UH	16K	0	221.8/41.0	158/-42	233/02:01:40	00:54.5	
		IR3	ISDR	82	0 0	2	1		158.86	43.98		DN0053/39	1			
		IR2	ISDR	82	0 0	2	2		159.78	43.40		DN0053/40	1			
		IR1	ISDR	82	0 0	2	2		168.40	41.23		DN0053/41	1			
		DEEP HOLE IR														
11E219/386	15:43:59	IR	297.5/307.5		-20 .12	9/1	5	3	REC/UH	16K	0	222.5/40.6	158/-41	233/02:04:40	00:54.5	
		IR3	ISDR	69	0 0	15	3		54.35	37.66		DN0053/42	1			
		IR2	ISDR	71	0 0	13	4		53.62	28.50		DN0053/43	1			
		IR1	ISDR	70	0 0	14	4		70.71	34.92		DN0053/44	1			
		DEEP HOLE IR														
12E220/386	16:29:18	SINGLE	172.5/175.0		30 .04	4/2	1	0	REC/UH	16K	2	231.9/33.1	352/-34	233/02:49:59	00:14.5	
		SUN	ISDR	61	64 1	4	2		115.04	4.14		DN0054/01	1			
		PM DAILY SUN DIODE														
12E221/386	16:31:18	SINGLE	172.5/175.0		30 .04	4/2	1	1	REC/UH	16K	4	232.3/32.7	353/-34	233/02:51:59	00:14.5	
		SUN	ISDR	65	64 1	0	0		59.11	1.94		DN0054/02	1			
		PM DAILY SUN DIODE														
12E222/386	16:39:18	COLOR	117.5/165.0		10 .12	1/1	9	5	REC/UH	16K	0	233.7/31.3	354/-33	233/02:59:59	04:14.5	
		BLU	ISDR	395	0 0	2	1		107.66	51.22		DN0054/03	1			
		GRN	ISDR	395	0 0	2	1		103.69	48.81		DN0054/04	1			
		RED	ISDR	395	0 0	2	1		97.76	45.69		DN0054/05	1			
		SKY BRIGHTNESS														
12E223/386	16:47:18	COLOR	100.0/165.0		10 .12	1/1	1	3	REC/UH	16K	2	235.1/29.8	356/-31	233/03:07:59	05:47.8	
		BLU	ISDR	542	0 0	1	1		86.99	40.88		DN0054/06	1			
		GRN	ISDR	542	0 0	1	1		99.96	42.61		DN0054/07	1			
		RED	ISDR	541	0 0	2	1		134.50	50.97		DN0054/08	1			
		SKY BRIGHTNESS														
11E224/387	07:57:19	SINGLE	.0/300.0		10 .12	14/3	1	0	RT/UH	16K	-19	107.7/ 1.9	46/ 1	233/18:57:35	07:14.0	
		SURV	ISDR	1296	0 0	1205	5		158.02	62.97		DN0054/09	4			
		RADIO SCIENCE														
11E225/387	10:59:43	SINGLE	250.0/252.5		30 .04	4/2	1	0	REC/UH	16K	-13	133.0/37.6	70/-35	233/21:59:59	00:14.5	
		SUN	ISDR	65	64 1	0	0		124.49	6.55		DN0054/10	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E226/387	11:01:43	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-13	133.5/37.9	71/-35	233/22:01:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		65.60	3.03		DN0054/11	1			
		AM DAILY SUN DIODE														
12E227/387	15:30:00	SINGLE	112.5/242.5	0	.04	5/2	1	3	REC/UH	16K	2	219.3/42.8	339/-44	234/02:30:16	11:34.5	
		BB4	ISDR 3249	0	0	2	1		155.73	47.96		DN0054/12	5			
		MON. SURF./HORIZ.														
11E228/388	11:00:08	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-15	132.9/37.8	70/-35	234/22:40:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		125.66	6.53		DN0054/13	1			
		AM DAILY SUN DIODE														
11E229/388	11:02:08	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-15	133.4/38.1	71/-35	234/22:42:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		65.55	3.07		DN0054/14	1			
		AM DAILY SUN DIODE														
12E230/389	06:25:32	COLOR	42.5/ 42.5	10	.12	1/1	1	0	REC/UH	250	-15	99.5/-18	222/ 21	235/18:44:59	25:01.2	R
		BLU	ISDR 34	2	34	1	1		124.78	3.68		DN0054/15	1			
		GRN	ISDR 35	2	34	0	0		124.57	2.70		DN0054/16	1			
		RED	ISDR 35	2	34	0	0		124.18	1.83		DN0054/17	1			
		AM TWILIGHT RESCAN														
12E231/389	06:55:32	COLOR	45.0/ 45.0	10	.12	1/1	1	1	REC/UH	250	-19	101.9/-11	224/ 14	235/19:14:59	25:01.2	R
		BLU	ISDR 34	2	34	1	1		76.59	19.47		DN0054/18	1			
		GRN	ISDR 35	2	34	0	0		73.18	13.97		DN0054/19	1			
		RED	ISDR 35	2	34	0	0		70.87	10.06		DN0054/20	1			
		AM TWILIGHT RESCAN														
12E232/389	07:25:32	COLOR	47.5/ 47.5	10	.12	1/1	1	3	REC/UH	250	-17	104.5/-4.9	227/ 7	235/19:44:59	25:01.2	R
		BLU	ISDR 35	2	34	0	0		69.89	35.81		DN0054/21	1			
		GRN	ISDR 35	2	34	0	0		56.60	26.22		DN0054/22	1			
		RED	ISDR 35	2	34	0	0		45.65	19.96		DN0054/23	1			
		AM TWILIGHT RESCAN														
11E233/389	11:00:32	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-17	132.8/38.0	70/-35	235/23:19:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		127.83	3.88		DN0054/24	1			
		AM DAILY SUN DIODE														
11E234/389	11:02:32	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-17	133.3/38.3	70/-35	235/23:21:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		66.68	1.55		DN0054/25	1			
		AM DAILY SUN DIODE														
12E235/389	16:30:32	SINGLE	172.5/175.0	30	.04	4/2	1	0	REC/UH	16K	2	232.6/33.3	353/-35	236/04:49:58	00:14.5	
		SUN	ISDR 62	0	0	2	1		114.38	3.71		DN0054/26	1			
		PM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12E236/389	16:32:32	SINGLE	172.5/175.0	30	.04	4/2	1	1	REC/UH	16K	2	233.0/32.9	354/-34	236/04:51:58	00:14.5	
		SUN	ISDR	62	0	0	2	1	59.12	1.97		DN0054/27	1			
		PM DAILY SUN DIODE														
12E237/389	19:10:32	COLOR	195.0/195.0	10	.12	1/1	1	3	REC/UH	250	2	253.1/ 1.1	15/ -3	236/07:29:58	25:01.2	R
		BLU	ISDR	34	2	34	1	1	63.47	31.78		DN0054/28	1			
		GRN	ISDR	35	2	34	0	0	52.35	23.74		DN0054/29	1			
		RED	ISDR	35	2	34	0	0	42.44	18.32		DN0054/30	1			
		PM TWILIGHT														
12E238/389	19:40:32	COLOR	197.5/197.5	10	.12	1/1	1	1	REC/UH	250	-4	255.8/-5.4	18/ 2	236/07:59:58	25:01.2	R
		BLU	ISDR	34	2	34	1	1	78.22	23.54		DN0054/31	1			
		GRN	ISDR	35	2	34	0	0	73.48	15.32		DN0054/32	1			
		RED	ISDR	35	2	34	0	0	70.61	10.49		DN0054/33	1			
		PM TWILIGHT														
12E239/389	20:10:31	COLOR	200.0/200.0	10	.12	1/1	1	0	REC/UH	250	-4	258.4/-12	21/ 9	236/08:29:58	25:01.2	R
		BLU	ISDR	34	2	34	1	1	124.04	3.27		DN0054/34	1			
		GRN	ISDR	35	2	34	0	0	123.71	2.97		DN0054/35	1			
		RED	ISDR	35	2	34	0	0	123.58	1.41		DN0054/36	1			
		PM TWILIGHT														
11E240/390	08:11:00	COLOR	187.5/190.0	0	.12	1/1	1	1	REC/UH	16K	-19	108.5/ 4.9	47/ -2	236/21:10:01	00:14.5	
		BLU	ISDR	21	0	0	1	1	105.30	46.45		DN0054/37	1			
		GRN	ISDR	21	0	0	1	1	114.51	19.45		DN0054/38	1			
		RED	ISDR	20	0	0	2	1	144.64	26.57		DN0054/39	1			
		CLR STUDY														
11E241/390	08:12:00	IR	187.5/190.0	0	.12	9/1	1	1	REC/UH	16K	-19	108.6/ 5.2	47/ -2	236/21:11:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	138.35	43.64		DN0054/40	1			
		IR2	ISDR	21	0	0	1	1	132.21	43.40		DN0054/41	1			
		IR1	ISDR	20	0	0	2	1	136.68	25.34		DN0054/42	1			
		CLR STUDY														
11E242/390	08:31:00	COLOR	190.0/192.5	0	.12	1/1	1	2	REC/UH	16K	-19	110.5/ 9.2	49/ -6	236/21:30:01	00:14.5	
		BLU	ISDR	21	0	0	1	1	88.67	58.95		DN0054/43	1			
		GRN	ISDR	21	0	0	1	1	89.61	47.71		DN0054/44	1			
		RED	ISDR	20	0	0	2	1	108.89	39.12		DN0054/45	1			
		CLR STUDY														
11E243/390	08:32:00	IR	190.0/192.5	0	.12	9/1	1	2	REC/UH	16K	-19	110.6/ 9.4	49/ -6	236/21:31:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	123.27	62.14		DN0054/46	1			
		IR2	ISDR	21	0	0	1	1	119.23	62.01		DN0054/47	1			
		IR1	ISDR	20	0	0	2	1	115.48	51.89		DN0054/48	1			
		CLR STUDY														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E244/390 09:16:00	COLOR	192.5/195.0		0 .12	1/1	1	3	REC/UH	16K	-19	115.6/18.5	54/-15	236/22:15:01	00:14.5	
	BLU	ISDR	21	0 0	1	1		75.63	61.83		DN0055/01	1			
	GRN	ISDR	21	0 0	1	1		69.99	26.45		DN0055/02	1			
	RED	ISDR	20	0 0	2	1		100.02	32.24		DN0055/03	1			
	CLR STUDY														
11E245/390 09:17:00	IR	192.5/195.0		0 .12	9/1	1	3	REC/UH	16K	-19	115.8/18.7	54/-15	236/22:16:01	00:14.5	
	IR3	ISDR	21	0 0	1	1		119.19	68.57		DN0055/04	1			
	IR2	ISDR	21	0 0	1	1		113.32	67.30		DN0055/05	1			
	IR1	ISDR	20	0 0	2	1		105.01	51.67		DN0055/06	1			
	CLR STUDY														
11E246/390 10:16:00	COLOR	195.0/197.5		0 .12	1/1	1	3	REC/UH	16K	-17	124.3/30.2	62/-27	236/23:15:01	00:14.5	
	BLU	ISDR	21	0 0	1	1		77.15	31.06		DN0055/07	1			
	GRN	ISDR	21	0 0	1	1		109.63	44.93		DN0055/08	1			
	RED	ISDR	20	0 0	2	1		146.24	55.31		DN0055/09	1			
	CLR STUDY														
11E247/390 10:17:00	IR	195.0/197.5		0 .12	9/1	1	3	REC/UH	16K	-15	124.4/30.4	62/-27	236/23:16:01	00:14.5	
	IR3	ISDR	21	0 0	1	1		113.29	45.83		DN0055/10	1			
	IR2	ISDR	21	0 0	1	1		113.30	43.99		DN0055/11	1			
	IR1	ISDR	20	0 0	2	1		136.76	53.88		DN0055/12	1			
	CLR STUDY														
11E248/390 11:00:57	SINGLE	250.0/252.5		30 .04	4/2	1	0	REC/UH	16K	-13	132.7/38.2	70/-35	236/23:59:59	00:14.5	
	SUN	ISDR	65	64 1	0	0		121.17	6.51		DN0055/13	1			
	AM DAILY SUN DIODE														
11E249/390 11:02:57	SINGLE	250.0/252.5		30 .04	4/2	1	1	REC/UH	16K	-13	133.1/38.5	70/-35	237/00:01:59	00:14.5	
	SUN	ISDR	65	64 1	0	0		63.49	3.96		DN0055/14	1			
	AM DAILY SUN DIODE														
11E250/390 11:11:59	IR	35.0/ 40.0		-10 .12	9/1	1	2	REC/UH	16K	-13	135.1/40.0	72/-37	237/00:11:01	00:27.9	
	IR3	ISDR	42	0 0	1	1		189.27	35.21		DN0055/15	1			
	IR2	ISDR	41	0 0	2	1		192.14	34.97		DN0055/16	1			
	IR1	ISDR	41	0 0	2	1		196.50	37.08		DN0055/17	1			
	RTC #1, IR														
11E251/390 11:13:59	COLOR	35.0/ 40.0		-10 .12	1/1	1	2	REC/UH	16K	-12	135.6/40.3	73/-37	237/00:13:01	00:27.9	
	BLU	ISDR	42	0 0	1	1		189.18	36.56		DN0055/18	1			
	GRN	ISDR	42	0 0	1	1		193.25	33.85		DN0055/19	1			
	RED	ISDR	42	0 0	1	1		189.99	41.94		DN0055/20	1			
	RTC #1, CLR														
11E252/390 11:15:59	COLOR	212.5/215.0		0 .12	1/1	1	4	REC/UH	16K	-13	136.0/40.6	73/-38	237/00:15:01	00:14.5	
	BLU	ISDR	21	0 0	1	1		94.20	68.38		DN0055/21	1			
	GRN	ISDR	21	0 0	1	1		82.30	32.59		DN0055/22	1			
	RED	ISDR	20	0 0	2	1		119.06	39.11		DN0055/23	1			
	CLR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11E253/390	11:16:59	IR	212.5/215.0	0	.12	9/1	1	4	REC/UH	16K	-12	136.3/40.8	73/-38	237/00:16:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	144.52	70.06		DN0055/24	1			
		IR2	ISDR	21	0	0	1	1	131.73	66.67		DN0055/25	1			
		IR1	ISDR	20	0	0	2	1	120.36	50.39		DN0055/26	1			
		CLR STUDY														
11E254/390	13:30:59	COLOR	255.0/257.5	0	.12	1/1	1	4	REC/UH	16K	-2	179.6/52.7	114/-51	237/02:30:01	00:14.5	
		BLU	ISDR	21	0	0	1	1	88.57	58.68		DN0055/27	1			
		GRN	ISDR	21	0	0	1	1	93.98	24.04		DN0055/28	1			
		RED	ISDR	20	0	0	2	1	138.44	31.69		DN0055/29	1			
		CLR STUDY														
11E255/390	13:31:59	IR	255.0/257.5	0	.12	9/1	1	4	REC/UH	16K	-2	180.0/52.7	115/-51	237/02:31:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	133.14	58.41		DN0055/30	1			
		IR2	ISDR	21	0	0	1	1	125.04	52.09		DN0055/31	1			
		IR1	ISDR	20	0	0	2	1	126.38	29.83		DN0055/32	1			
		CLR STUDY														
11F000/390	15:15:59	COLOR	290.0/292.5	0	.12	1/1	1	4	REC/UH	16K	2	215.9/45.2	151/-46	237/04:15:01	00:14.5	
		BLU	ISDR	21	0	0	1	1	88.01	67.69		DN0055/33	1			
		GRN	ISDR	21	0	0	1	1	74.22	27.45		DN0055/34	1			
		RED	ISDR	20	0	0	2	1	110.05	34.67		DN0055/35	1			
		CLR STUDY														
11F001/390	15:16:59	IR	290.0/292.5	0	.12	9/1	1	4	REC/UH	16K	2	216.2/45.1	152/-46	237/04:16:01	00:14.5	
		IR3	ISDR	21	0	0	1	1	122.76	67.03		DN0055/36	1			
		IR2	ISDR	21	0	0	1	1	115.33	62.97		DN0055/37	1			
		IR1	ISDR	20	0	0	2	1	104.79	40.04		DN0055/38	1			
		CLR STUDY														
11F002/390	16:20:59	COLOR	307.5/310.0	0	.12	1/1	1	4	REC/UH	16K	2	231.0/35.1	167/-36	237/05:20:01	00:14.5	
		BLU	ISDR	21	0	0	1	1	82.78	76.36		DN0055/39	1			
		GRN	ISDR	21	0	0	1	1	63.16	45.49		DN0055/40	1			
		RED	ISDR	19	0	0	3	1	78.79	39.90		DN0055/41	1			
		CLR STUDY														
11F003/390	16:21:59	IR	307.5/310.0	0	.12	9/1	1	4	REC/UH	16K	2	231.2/35.0	168/-36	237/05:21:01	00:14.5	
		IR3	ISDR	22	0	0	0	0	115.42	76.68		DN0055/42	1			
		IR2	ISDR	21	0	0	1	1	106.66	73.95		DN0055/43	1			
		IR1	ISDR	21	0	0	1	1	93.02	61.98		DN0055/44	1			
		CLR STUDY														
12F004/390	16:44:59	SINGLE	175.0/177.5	30	.04	4/2	1	0	REC/UH	16K	4	235.3/30.8	356/-32	237/05:44:01	00:14.5	
		SUN	ISDR	65	64	1	0	0	114.37	4.57		DN0055/45	1			
		CLR STUDY														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
11F005/390 17:15:59	COLOR	317.5/320.0	0	.12	1/1	1	3	REC/UH	16K	2	240.1/24.9	177/-27	237/06:15:01	00:14.5	
	BLU	ISDR 20	0	0	2	2		61.32	29.43	DN0055/46	1				
	GRN	ISDR 20	0	0	2	2		83.64	39.88	DN0055/47	1				
	RED	ISDR 20	0	0	2	1		113.68	53.56	DN0055/48	1				
	CLR STUDY														
11F006/390 17:16:59	IR	317.5/320.0	0	.12	9/1	1	3	REC/UH	16K	2	240.3/24.7	177/-26	237/06:16:01	00:14.5	
	IR3	ISDR 21	0	0	1	1		90.24	43.38	DN0055/49	1				
	IR2	ISDR 21	0	0	1	1		91.30	41.04	DN0055/50	1				
	IR1	ISDR 20	0	0	2	1		102.96	48.44	DN0055/51	1				
	CLR STUDY														
11F007/390 18:05:59	COLOR	325.0/327.5	0	.12	1/1	1	2	REC/UH	16K	0	246.6/14.8	184/-17	237/07:05:01	00:14.5	
	BLU	ISDR 21	0	0	1	1		74.82	27.35	DN0055/52	1				
	GRN	ISDR 21	0	0	1	1		100.18	36.37	DN0055/53	1				
	RED	ISDR 20	0	0	2	1		132.04	43.05	DN0055/54	1				
	CLR STUDY														
11F008/390 18:06:59	IR	325.0/327.5	0	.12	9/1	1	2	REC/UH	16K	0	246.7/14.6	184/-17	237/07:06:01	00:14.5	
	IR3	ISDR 21	0	0	1	1		104.94	34.39	DN0055/55	1				
	IR2	ISDR 21	0	0	1	1		107.01	36.29	DN0055/56	1				
	IR1	ISDR 20	0	0	2	1		123.74	41.95	DN0055/57	1				
	CLR STUDY														
12F009/391 07:17:36	COLOR	25.0/157.5	10	.12	1/1	1	1	RT/UH	16K	-19	103.4/-6.6	226/ 9	237/20:56:13	12:02.0	
	BLU	ISDR 1127	1106	22	0	0		82.80	30.35	DN0055/58	2				
	GRN	ISDR 1127	1106	22	0	0		78.15	21.22	DN0055/59	2				
	RED	ISDR 1127	1106	22	0	0		84.07	13.88	DN0055/60	2				
	AM SKY BRIGHTNESS														
12F010/391 07:30:18	COLOR	25.0/157.5	10	.12	1/1	1	2	RT/UH	16K	-15	104.5/-3.8	227/ 6	237/21:08:55	12:02.0	
	BLU	ISDR 1127	1106	22	0	0		59.62	33.70	DN0056/01	2				
	GRN	ISDR 1126	1106	22	1	1		55.78	25.05	DN0056/02	2				
	RED	ISDR 1127	1106	22	0	0		57.38	18.82	DN0056/03	2				
	AM SKY BRIGHTNESS														
11F011/391 11:01:22	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-15	132.6/38.4	70/-35	238/00:39:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		124.39	6.77	DN0056/04	1				
	AM DAILY SUN DIODE														
11F012/391 11:03:22	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-15	133.0/38.7	70/-36	238/00:41:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		65.32	3.23	DN0056/05	1				
	AM DAILY SUN DIODE														
11F013/392 11:01:47	SINGLE	250.0/252.5	30	.04	4/2	1	0	REC/UH	16K	-15	132.4/38.5	70/-35	239/01:19:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		124.57	6.81	DN0056/06	1				
	AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F014/392	11:03:47	SINGLE	250.0/252.5	30	.04	4/2	1	1	REC/UH	16K	-13	132.9/38.9	70/-36	239/01:21:59	00:14.5	
		SUN	ISDR 55	0	0	9	1		70.08	24.70		DN0056/07	1			
		AM DAILY SUN DIODE														
11F015/393	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	101.5/-10	40/ 13	239/21:57:47	00:10.1	D
		BB1	ISDR 44	43	1	0	0		106.39	51.22		DN0056/08	1			
		SCAN VER & CAL														
11F016/393	07:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-19	101.5/-10	40/ 13	239/21:57:57	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0056/09	1			
		CALIBRATION FRAME														
11F017/393	09:47:11	SINGLE	237.5/240.0	20	.04	4/2	1	1	REC/UH	16K	-17	119.2/25.0	57/-22	240/00:44:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		63.29	2.41		DN0056/10	1			
		AM DAILY SUN DIODE														
11F018/393	10:22:11	SINGLE	242.5/245.0	30	.04	4/2	1	1	REC/UH	16K	-15	124.7/31.7	62/-28	240/01:19:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		66.08	4.15		DN0056/11	1			
		AM DAILY SUN DIODE														
12F019/393	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-4	167.4/52.5	286/-51	240/03:57:46	00:10.1	D
		BB1	ISDR 44	43	1	0	0		45.04	21.62		DN0056/12	1			
		SCAN VER & CAL														
12F020/393	13:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	167.5/52.5	286/-51	240/03:57:56	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0056/13	1			
		CALIBRATION FRAME														
11F021/393	15:29:59	SINGLE	297.5/307.5	-20	.04	0/2	1	3	REC/UH	16K	2	220.0/43.8	156/-45	240/06:27:46	00:54.5	
		BB2	ISDR 252	251	1	0	0		158.65	50.88		DN0056/14	1			
		STEREO OF DEEP HOLE														
12F022/393	15:34:59	SINGLE	105.0/115.0	-30	.04	0/2	1	3	REC/UH	16K	4	221.3/43.0	341/-44	240/06:32:46	00:54.5	
		BB2	ISDR 254	251	4	1	1		159.18	51.52		DN0056/15	1			
		STEREO OF DEEP HOLE														
11F023/394	09:47:37	SINGLE	237.5/240.0	20	.04	4/2	1	1	REC/UH	16K	-19	119.0/25.2	57/-22	241/01:25:00	00:14.5	
		SUN	ISDR 67	64	3	0	0		63.74	6.47		DN0056/16	1			
		AM DAILY SUN DIODE														
11F024/395	10:23:01	SINGLE	242.5/245.0	30	.04	4/2	1	1	REC/UH	16K	-17	124.4/32.0	62/-29	242/02:39:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		67.36	9.63		DN0056/17	1			
		AM DAILY SUN DIODE														
12F025/396	01:34:22	COLOR	25.0/157.5	10	.12	1/1	1	1	RT/UH	16K	-15	31.9/-80	136/ 80	242/18:30:56	12:02.0	
		BLU	ISDR 251	0	0	854	1		56.17	11.02		DN0056/18	2			
		GRN	ISDR 250	0	0	855	1		57.06	10.57		DN0056/19	2			
		RED	ISDR 250	0	0	855	1		65.41	9.80		DN0056/20	2			
		RADIO SCIENCE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F026/396	07:18:26	COLOR	225.0/225.0	10	.12	1/1	1	0	REC/UH	250	-15	102.5/- 6	225/ 9	243/00:14:59	25:01.2	R
		BLU	ISDR 34	2	34	1	1		167.98	30.59		DN0056/21	1			
		GRN	ISDR 35	2	34	0	0		171.42	29.81		DN0056/22	1			
		RED	ISDR 35	2	34	0	0		173.02	28.54		DN0056/23	1			
		OZONE STUDY, AM														
12F027/396	07:48:26	COLOR	227.5/227.5	10	.12	1/1	1	2	REC/UH	250	-19	105.1/ .4	227/ 2	243/00:44:59	25:01.2	R
		BLU	ISDR 35	2	34	0	0		87.87	32.76		DN0056/24	1			
		GRN	ISDR 35	2	34	0	0		89.84	29.95		DN0056/25	1			
		RED	ISDR 35	2	34	0	0		91.04	26.76		DN0056/26	1			
		OZONE STUDY, AM														
12F028/396	08:18:26	COLOR	230.0/230.0	10	.12	1/1	1	3	REC/UH	250	-17	108.0/ 6.9	230/- 3	243/01:14:59	25:01.2	R
		BLU	ISDR 34	2	34	1	1		86.55	29.86		DN0056/27	1			
		GRN	ISDR 35	2	34	0	0		89.40	28.48		DN0056/28	1			
		RED	ISDR 35	2	34	0	0		90.46	25.70		DN0056/29	1			
		OZONE STUDY, AM														
11F029/396	09:48:26	SINGLE	237.5/240.0	20	.04	4/2	1	1	REC/UH	16K	-19	118.8/25.5	57/-22	243/02:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		64.30	3.01		DN0056/30	1			
		AM DAILY SUN DIODE														
11F030/396	10:23:26	SINGLE	242.5/245.0	30	.04	4/2	1	1	REC/UH	16K	-15	124.3/32.2	62/-29	243/03:19:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.47	4.78		DN0056/31	1			
		AM DAILY SUN DIODE														
11F031/396	10:29:59	IR	35.0/ 40.0	-10	.12	9/1	1	3	REC/UH	16K	-15	125.4/33.4	63/-30	243/03:26:32	00:27.9	
		IR3	SDR 42	0	0	1	1		163.95	53.74		DN0056/32	1			
		IR2	SDR 41	0	0	2	1		169.66	56.46		DN0056/33	1			
		IR1	SDR 41	0	0	2	1		154.07	48.91		DN0056/34	1			
		RTC #1, IR														
11F032/396	10:31:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	3	REC/UH	16K	-15	125.8/33.8	63/-31	243/03:28:32	00:27.9	
		BLU	SDR 42	0	0	1	1		141.93	51.09		DN0056/35	1			
		GRN	SDR 41	0	0	2	1		163.20	48.09		DN0056/36	1			
		RED	SDR 41	0	0	2	1		168.19	45.33		DN0056/37	1			
		RTC #1, CLR														
12F033/396	11:29:59	SINGLE	302.5/302.5	-30	.04	8/2	1	4	REC/UH	250	-15	138.2/43.5	259/-41	243/04:26:32	25:01.2	R
		BB1	ISDR 106	1	107	2	2		92.51	27.63		DN0056/38	1			
		MONITOR LANDER														
12F034/396	13:59:59	SINGLE	302.5/302.5	-30	.04	8/2	1	4	REC/UH	250	-6	190.9/53.3	309/-53	243/06:56:32	25:01.2	R
		BB1	ISDR 107	1	107	1	1		130.06	27.69		DN0056/39	1			
		MONITOR LANDER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F035/396	14:29:59	SINGLE	132.5/142.5	-30	.04	1/2	1	3	REC/UH	16K	8	202.1/51.4	321/-51	243/07:26:32	00:54.5	
		BLU	SDR 252	251	1	0	0		117.79	51.22		DN0056/40	1			
		METATE #2														
12F036/396	14:34:59	SINGLE	132.5/142.5	-30	.04	2/2	1	3	REC/UH	16K	8	203.9/50.9	322/-51	243/07:31:32	00:54.5	
		GRN	SDR 251	251	1	1	1		131.95	57.11		DN0056/41	1			
		METATE #2														
12F037/396	14:39:59	SINGLE	132.5/142.5	-30	.04	3/2	1	4	REC/UH	16K	8	205.6/50.5	324/-50	243/07:36:32	00:54.5	
		RED	SDR 252	251	1	0	0		94.14	39.94		DN0056/42	1			
		METATE #2														
12F038/396	14:44:59	SINGLE	132.5/142.5	-30	.04	9/2	1	4	REC/UH	16K	8	207.2/50.0	326/-50	243/07:41:33	00:54.5	
		IR3	SDR 252	251	2	1	1		69.22	28.91		DN0056/43	1			
		METATE #2														
12F039/396	14:49:59	SINGLE	132.5/142.5	-30	.04	10/2	1	4	REC/UH	16K	10	208.9/49.4	328/-50	243/07:46:33	00:54.5	
		IR2	SDR 253	251	2	0	0		67.99	28.49		DN0056/44	1			
		METATE #2														
12F040/396	14:54:59	SINGLE	132.5/142.5	-30	.04	11/2	1	4	REC/UH	16K	10	210.5/48.9	329/-49	243/07:51:33	00:54.5	
		IR1	SDR 253	251	2	0	0		79.53	34.26		DN0056/45	1			
		METATE #2														
11F041/396	14:59:59	SINGLE	205.0/212.5	-30	.04	13/2	1	4	REC/UH	16K	2	212.0/48.3	147/-49	243/07:56:33	00:41.2	
		BB3	SDR 190	189	1	0	0		105.28	47.96		DN0057/01	1			
		CONICAL PILE														
11F042/396	18:23:26	COLOR	190.0/190.0	10	.12	1/1	1	3	REC/UH	250	2	249.6/11.8	187/-14	243/11:20:00	25:01.2	R
		BLU	ISDR 34	2	34	1	1		57.13	22.47		DN0057/02	1			
		GRN	ISDR 35	2	34	0	0		73.16	29.68		DN0057/03	1			
		RED	ISDR 35	2	34	0	0		60.61	27.46		DN0057/04	1			
		OZONE STUDY, PM														
11F043/396	18:53:26	COLOR	192.5/192.5	10	.12	1/1	1	2	REC/UH	250	2	252.7/ 5.4	191/- 7	243/11:50:00	25:01.2	R
		BLU	ISDR 34	2	34	1	1		56.34	17.39		DN0057/05	1			
		GRN	ISDR 35	2	34	0	0		67.09	22.94		DN0057/06	1			
		RED	ISDR 35	2	34	0	0		73.56	22.26		DN0057/07	1			
		OZONE STUDY, PM														
11F044/396	19:23:26	COLOR	195.0/195.0	10	.12	1/1	1	0	REC/UH	250	0	255.5/- 1	194/- 1	243/12:20:00	25:01.2	R
		BLU	ISDR 34	2	34	1	1		138.53	11.98		DN0057/08	1			
		GRN	ISDR 35	2	34	0	0		144.23	14.49		DN0057/09	1			
		RED	ISDR 35	2	34	0	0		146.44	15.81		DN0057/10	1			
		OZONE STUDY, PM														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F045/397 09:38:49	SINGLE	235.0/237.5	20	.04	4/2	1	1	REC/UH	16K	-17	117.2/23.7	55/-20	244/03:14:58	00:14.5	
	SUN	SDR 62	0	0	2	1		63.01	2.14		DN0057/11	1			
	AM DAILY SUN DIODE														
11F046/397 10:13:49	SINGLE	240.0/242.5	30	.04	4/2	1	1	REC/UH	16K	-15	122.5/30.5	60/-27	244/03:49:58	00:14.5	
	SUN	SDR 62	0	0	2	1		66.42	4.12		DN0057/12	1			
	AM DAILY SUN DIODE														
12F047/398 00:09:27	COLOR	25.0/157.5	10	.12	1/1	1	1	RT/UH	16K	-13	298.3/-72	59/ 70	244/18:25:10	12:02.0	
	BLU	ISDR 317	0	0	788	1		62.85	28.52		DN0057/13	2			
	GRN	ISDR 316	0	0	789	2		62.57	27.36		DN0057/14	2			
	RED	ISDR 314	0	0	791	3		69.90	25.53		DN0057/15	2			
	RADIO SCIENCE														
11F048/398 09:39:16	SINGLE	235.0/237.5	20	.04	4/2	1	1	REC/UH	16K	-19	117.1/23.9	55/-21	245/03:55:00	00:14.5	
	SUN	SDR 65	64	1	0	0		63.12	3.62		DN0057/16	1			
	AM DAILY SUN DIODE														
11F049/398 10:14:16	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-17	122.3/30.7	60/-27	245/04:30:00	00:14.5	
	SUN	SDR 65	64	1	0	0		34.90	3.18		DN0057/17	1			
	AM DAILY SUN DIODE														
11F050/399 09:39:40	SINGLE	235.0/237.5	20	.04	4/2	1	1	REC/UH	16K	-17	117.0/24.1	55/-21	246/04:34:59	00:14.5	
	SUN	SDR 65	64	1	0	0		63.28	3.27		DN0057/18	1			
	AM DAILY SUN DIODE														
11F051/399 10:14:40	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-15	122.2/30.9	60/-28	246/05:09:59	00:14.5	
	SUN	SDR 65	64	1	0	0		34.89	2.89		DN0058/01	1			
	AM DAILY SUN DIODE														
11F052/400 09:40:05	SINGLE	235.0/237.5	20	.04	4/2	1	1	REC/UH	16K	-17	116.8/24.3	55/-21	247/05:14:59	00:14.5	
	SUN	SDR 65	64	1	0	0		63.07	2.89		DN0058/02	1			
	AM DAILY SUN DIODE														
11F053/400 10:15:05	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-15	122.1/31.1	60/-28	247/05:49:59	00:14.5	
	SUN	SDR 65	64	1	0	0		34.72	2.21		DN0058/03	1			
	AM DAILY SUN DIODE														
12F054/400 17:09:59	SINGLE	10.0/185.0	-10	.04	5/2	1	4	REC/UH	16K	6	241.0/27.3	2/-29	247/12:44:53	15:34.4	
	BB4	ISDR 4371	0	0	5	2		76.41	29.55		DN0058/04	5			
	HR OF SURFACE														
12F055/400 17:29:59	SINGLE	80.0/175.0	-30	.04	0/2	1	4	REC/UH	16K	8	243.8/23.3	5/-25	247/13:04:54	08:27.8	
	BB2	ISDR 2378	2376	2	0	0		45.35	16.33		DN0058/05	3			
	HR OF SURFACE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F056/400	21:08:45	SINGLE	85.0/105.0	30	.04	4/2	1	0	REC/UH	16K	-4	265.3/-24	28/ 21	247/16:43:40	01:47.9	
		SUN	SDR 217	0	0	284	1		122.00	6.52		DN0058/06	1			
		TRACK 4 TEST														
12F057/400	21:10:33	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-4	265.4/-24	28/ 21	247/16:45:28	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0058/07	1			
		CALIBRATION FRAME														
11F058/401	09:20:28	SINGLE	232.5/235.0	20	.04	4/2	1	1	REC/UH	16K	-19	114.0/20.4	52/-17	248/05:34:58	00:14.5	
		SUN	SDR 65	64	1	0	0		62.88	2.06		DN0058/08	1			
		AM DAILY SUN DIODE														
11F059/401	10:15:28	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-15	121.9/31.3	60/-28	248/06:29:58	00:14.5	
		SUN	SDR 65	64	1	0	0		32.54	3.07		DN0058/09	1			
		AM DAILY SUN DIODE														
11F060/401	14:59:59	SINGLE	177.5/220.0	-10	.04	13/2	1	4	REC/UH	16K	4	212.8/49.2	148/-50	248/11:14:29	03:47.8	
		BS3	SDR 1065	1064	1	0	0		17?.91	33.14		DN0058/10	2			
		MONITOR HORIZON														
12F061/402	06:24:39	COLOR	40.0/ 40.0	10	.12	1/1	1	0	REC/UH	250	4	96.7/-17	219/ 20	249/03:18:44	25:01.2	R
		BLU	ISDR 34	2	34	1	1		126.39	5.55		DN0058/11	1			
		GRN	ISDR 35	2	34	0	0		125.51	3.85		DN0058/12	1			
		RED	ISDR 35	2	34	0	0		124.58	2.49		DN0058/13	1			
		AM TWILIGHT RESCAN														
12F062/402	06:51:49	COLOR	42.5/ 42.5	10	.12	1/1	1	2	REC/UH	250	-19	99.0/-11	221/ 14	249/03:45:54	25:01.2	R
		BLU	ISDR 34	2	34	1	1		52.51	31.34		DN0058/14	1			
		GRN	ISDR 35	2	34	0	0		45.56	19.83		DN0058/15	1			
		RED	ISDR 35	2	34	0	0		40.43	11.71		DN0058/16	1			
		AM TWILIGHT RESCAN														
12F063/402	07:18:59	COLOR	45.0/ 45.0	10	.12	1/1	1	4	REC/UH	250	-19	101.3/- 5	223/ 8	249/04:13:04	25:01.2	R
		BLU	ISDR 34	2	34	1	1		52.06	20.90		DN0058/17	1			
		GRN	ISDR 35	2	34	0	0		40.74	13.32		DN0058/18	1			
		RED	ISDR 35	2	34	0	0		32.16	8.21		DN0058/19	1			
		AM TWILIGHT RESCAN														
11F064/402	09:20:55	SINGLE	232.5/235.0	20	.04	4/2	1	1	REC/UH	16K	-23	113.9/20.6	52/-17	249/06:15:00	00:14.5	
		SUN	SDR 65	64	1	0	0		63.17	1.43		DN0058/20	1			
		AM DAILY SUN DIODE														
11F065/402	10:15:55	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-21	121.8/31.5	60/-28	249/07:10:00	00:14.5	
		SUN	SDR 65	64	1	0	0		35.00	1.83		DN0058/21	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F066/402	15:00:00	SINGLE	65.0/135.0	-10	.04	13/2	1	4	REC/UH	16K	-2	212.9/49.4	332/-50	249/11:54:05	06:14.5	
		BB3	SDR 1749	0	0	2	2		113.77	38.44		DN0058/22	3			
		MONITOR HORIZON														
12F067/402	17:00:55	SINSLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	2	240.0/29.3	1/-31	249/13:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.11	2.79		DN0058/23	1			
		PM DAILY SUN DIODE														
12F068/402	17:30:55	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	2	244.3/23.3	6/-25	249/14:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		59.13	2.41		DN0058/24	1			
		PM DAILY SUN DIODE														
12F069/402	19:15:59	COLOR	200.0/200.0	10	.12	1/1	1	4	REC/UH	250	2	255.9/ 1.1	18/- 3	249/16:10:04	25:01.2	R
		BLU	ISDR 34	2	34	1	1		81.70	48.01		DN0058/25	1			
		GRN	ISDR 35	2	34	0	0		60.79	31.66		DN0058/26	1			
		RED	ISDR 35	2	34	0	0		46.13	20.62		DN0058/27	1			
		PM TWILIGHT RESCAN														
12F070/402	19:43:09	COLOR	202.5/202.5	10	.12	1/1	1	2	REC/UH	250	-4	258.4/- 4	21/ 2	249/16:37:14	25:01.2	R
		BLU	ISDR 34	2	34	1	1		57.08	36.91		DN0058/28	1			
		GRN	ISDR 35	2	34	0	0		47.31	22.83		DN0058/29	1			
		RED	ISDR 35	2	34	0	0		41.10	13.73		DN0058/30	1			
		PM TWILIGHT RESCAN														
12F071/402	20:10:19	COLOR	205.0/205.0	10	.12	1/1	1	0	REC/UH	250	-4	260.8/-10	23/ 8	249/17:04:24	25:01.2	R
		BLU	ISDR 34	2	34	1	1		129.64	10.69		DN0058/31	1			
		GRN	ISDR 35	2	34	0	0		126.56	5.94		DN0058/32	1			
		RED	ISDR 35	2	34	0	0		124.84	3.05		DN0058/33	1			
		PM TWILIGHT RESCAN														
12F072/403	06:52:42	COLOR	27.5/250.0	10	.12	1/1	1	1	RT/UH	16K	-19	98.9/-11	221/ 14	250/04:26:22	19:56.0	
		BLU	SDR 1867	1856	13	1	1		62.24	11.62		DN0058/34	3			
		GRN	SDR 1866	1856	13	2	2		62.21	11.16		DN0058/35	3			
		RED	SDR 1866	1856	13	2	2		70.75	9.98		DN0058/36	3			
		SKY DYNAMICS														
12F073/403	07:13:18	COLOR	27.5/250.0	10	.12	1/1	1	2	RT/UH	16K	-17	100.6/- 6	223/ 9	250/04:46:58	19:56.0	
		BLU	ISDR 1264	0	0	591	20		60.75	40.06		DN0059/01	3			
		GRN	ISDR 1267	0	0	588	16		57.96	38.59		DN0059/02	3			
		RED	ISDR 1271	0	0	584	10		58.53	36.71		DN0059/03	3			
		SKY DYNAMICS														
11F074/403	09:26:19	SINGLE	232.5/235.0	20	.04	4/2	1	1	REC/UH	16K	-19	114.4/21.8	52/-18	250/07:00:00	00:14.5	
		SUN	SDR 65	64	1	0	0		63.45	2.44		DN0059/04	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F075/403	10:16:19	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-17	121.7/31.7	59/-28	250/07:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		35.01	2.48		DN0059/05	1			
		AM DAILY SUN DIODE														
11F076/404	09:26:44	SINGLE	232.5/235.0	20	.04	4/2	1	1	REC/UH	16K	-19	114.2/22.0	52/-19	251/07:39:59	00:14.5	
		SUN	SDR 65	64	1	0	0		63.19	2.21		DN0059/06	1			
		AM DAILY SUN DIODE														
11F077/404	10:16:44	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-15	121.6/31.9	59/-29	251/08:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.76	2.27		DN0059/07	1			
		AM DAILY SUN DIODE														
12F078/404	16:05:59	SINGLE	157.5/165.0	-30	.04	0/2	1	4	REC/UH	16K	2	230.4/39.7	350/-41	251/14:19:14	00:41.2	
		BB2	SDR 190	189	1	0	0		80.83	29.27		DN0059/08	1			
		XRFS DURICRUST SITE														
11F079/405	09:27:08	SINGLE	232.5/235.0	20	.04	4/2	1	1	REC/UH	16K	-21	114.1/22.2	52/-19	252/08:19:58	00:14.5	
		SUN	SDR 65	64	1	0	0		63.23	2.24		DN0059/09	1			
		AM DAILY SUN DIODE														
11F080/405	10:17:08	SINGLE	240.0/242.5	30	.04	4/2	1	2	REC/UH	16K	-19	121.4/32.1	59/-29	252/09:09:58	00:14.5	
		SUN	SDR 65	64	1	0	0		34.99	2.09		DN0059/10	1			
		AM DAILY SUN DIODE														
11F081/406	09:27:33	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-19	114.0/22.4	52/-19	253/08:59:59	00:14.5	
		SUN	SDR 62	64	1	3	1		67.00	2.44		DN0059/11	1			
		AM DAILY SUN DIODE														
11F082/406	10:02:33	SINGLE	237.5/240.0	30	.04	4/2	1	2	REC/UH	16K	-17	118.9/29.4	57/-26	253/09:34:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.81	2.32		DN0059/12	1			
		AM DAILY SUN DIODE														
11F083/407	09:27:59	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-17	113.8/22.6	52/-19	254/09:40:00	00:14.5	
		SUN	SDR 63	64	1	2	1		66.62	2.55		DN0059/13	1			
		MEASURE AM OPT DEPTH														
11F084/407	10:07:59	SINGLE	237.5/240.0	30	.04	4/2	1	2	REC/UH	16K	-17	119.6/30.6	57/-27	254/10:20:00	00:14.5	
		SUN	SDR 62	0	0	2	1		33.44	2.89		DN0059/14	1			
		MEASURE AM OPT DEPTH														
11F085/408	08:48:23	SINGLE	227.5/230.0	20	.04	4/2	1	1	REC/UH	16K	-19	108.9/14.4	47/-11	255/09:40:00	00:14.5	
		SUN	SDR 65	64	1	0	0		66.29	2.29		DN0059/15	1			
		AM DAILY SUN DIODE														
11F086/408	09:13:23	SINGLE	230.0/232.5	20	.04	4/2	1	1	REC/UH	16K	-17	111.8/19.6	50/-16	255/10:05:00	00:14.5	
		SUN	SDR 63	64	1	2	1		62.89	1.94		DN0059/16	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F087/408	09:33:23	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-17	114.3/23.8	52/-20	255/10:25:00	00:14.5	
		SUN	SDR 65	64	1	0	0		66.31	3.05		DN0059/17	1			
		AM DAILY SUN DIODE														
11F088/408	10:08:23	SINGLE	237.5/240.0	30	.04	4/2	1	2	REC/UH	16K	-15	119.4/30.8	57/-27	255/10:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.50	2.24		DN0059/18	1			
		AM DAILY SUN DIODE														
12F089/408	11:09:59	COLOR	285.0/295.0	-10	.12	1/1	1	4	REC/UH	16K	-12	131.1/42.2	252/-39	255/12:01:35	00:54.5	
		BLU	SDR 83	0	0	1	1		109.00	55.87		DN0059/19	1			
		GRN	SDR 83	0	0	1	1		119.35	60.01		DN0059/20	1			
		RED	SDR 83	0	0	1	1		139.52	62.26		DN0059/21	1			
		RTC AND CH MAGNETS														
12F090/408	11:12:59	IR	285.0/295.0	-10	.12	9/1	1	4	REC/UH	16K	-10	131.8/42.7	253/-40	255/12:04:35	00:54.5	
		IR3	SDR 83	0	0	1	1		92.10	39.34		DN0059/22	1			
		IR2	SDR 83	0	0	1	1		9[illegible].50	39.63		DN0059/23	1			
		IR1	SDR 83	0	0	1	1		113.41	49.34		DN0059/24	1			
		RTC AND CH MAGNETS														
12F091/408	11:15:59	COLOR	285.0/295.0	-10	.12	1/1	1	3	REC/UH	16K	-10	132.5/43.2	253/-40	255/12:07:35	00:54.5	
		BLU	SDR 83	0	0	1	1		133.05	58.33		DN0059/25	1			
		GRN	SDR 83	0	0	1	1		134.13	59.62		DN0059/26	1			
		RED	SDR 83	0	0	1	1		141.43	49.95		DN0059/27	1			
		RTC AND CH MAGNETS														
12F092/408	11:18:59	IR	285.0/295.0	-10	.12	9/1	1	3	REC/UH	16K	-10	133.2/43.7	254/-41	255/12:10:35	00:54.5	
		IR3	SDR 83	0	0	1	1		128.66	58.15		DN0059/28	1			
		IR2	SDR 83	0	0	1	1		127.62	57.55		DN0059/29	1			
		IR1	SDR 83	0	0	1	1		129.43	49.32		DN0059/30	1			
		RTC AND CH MAGNETS														
11F093/408	14:09:59	SINGLE	207.5/257.5	0	.12	14/3	1	4	REC/UH	16K	0	195.8/55.2	130/-55	255/15:01:35	01:30.1	
		SURV	SDR 416	418	1	3	2		151.47	55.29		DN0059/31	1			
		SSCA DIAGNOSTIC														
11F094/408	15:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	4	214.0/50.4	149/-51	255/15:51:37	00:10.1	
		BB1	SDR 44	43	1	0	0		69.44	52.30		DN0059/32	1			
		SCAN VER - CAM 1														
11F095/408	14:59:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	4	213.9/50.5	149/-51	255/15:51:19	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0059/33	1			
		CALIBRATION FRAME														
12F096/408	15:19:59	SINGLE	285.0/292.5	-20	.04	8/2	1	4	REC/UH	16K	6	220.0/47.7	339/-48	255/16:11:35	00:41.2	
		BB1	SDR 190	189	1	0	0		100.59	42.69		DN0059/34	1			
		COMBINED RTC														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F097/408	15:24:59	SINGLE	52.5/ 60.0	-20	.04	8/2	1	4	REC/UH	16K	4	221.4/47.0	157/-48	255/16:16:35	00:41.2	
		BB1	SDR 190	189	1	0	0		93.66	45.53		DN0059/35	1			
		COMBINED RTC														
12F098/408	15:30:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	6	222.7/46.2	342/-47	255/16:21:37	00:10.1	
		BB1	SDR 45	43	2	0	0		46.43	22.89		DN0059/36	1			
		SCAN VER - CAM 2														
12F099/408	15:29:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	222.6/46.3	342/-47	255/16:21:19	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0059/37	1			
		CALIBRATION FRAME														
11F100/408	16:09:59	SINGLE	270.0/285.0	0	.12	14/3	1	4	REC/UH	16K	6	232.1/39.6	168/-41	255/17:01:35	00:27.9	
		SURV	SDR 127	126	2	1	1		147.56	69.65		DN0059/38	1			
		SSCA DIAGNOSTIC														
12F101/408	16:53:23	SINGLE	180.0/182.5	30	.04	4/2	1	2	REC/UH	16K	8	240.0/31.5	1/-33	255/17:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.08	1.39		DN0059/39	1			
		PM DAILY SUN DIODE														
12F102/408	16:58:22	SINGLE	10.0/ 60.0	10	.12	1/3	1	5	REC/UH	16K	6	240.8/30.5	2/-32	255/17:49:58	01:30.1	
		BLU	ISDR 421	418	3	0	0		55.69	17.27		DN0059/40	1			
		SKY BRIGHTNESS														
12F103/408	17:00:59	SINGLE	60.0/172.5	10	.12	1/3	1	4	REC/UH	16K	6	241.2/30.0	2/-32	255/17:52:35	03:21.2	
		BLU	ISDR 942	939	3	0	0		104.48	63.56		DN0059/41	2			
		SKY BRIGHTNESS														
11F104/408	17:11:59	SINGLE	267.5/282.5	-20	.04	0/2	1	4	REC/UH	16K	6	242.9/27.8	180/-30	255/18:03:35	01:21.2	
		BB2	ISDR 375	0	0	1	1		63.16	21.10		DN0059/42	1			
		PHYS.PROPS.CONICAL PILE														
12F105/408	17:23:23	SINGLE	185.0/187.5	30	.04	4/2	1	2	REC/UH	16K	8	244.5/25.5	6/-27	255/18:14:59	00:14.5	
		SUN	SDR 62	0	0	2	1		31.08	1.57		DN0059/43	1			
		PM DAILY SUN DIODE														
12F106/408	17:58:23	SINGLE	190.0/192.5	20	.04	4/2	1	1	REC/UH	16K	6	249.0/18.2	11/-20	255/18:49:59	00:14.5	
		SUN	SDR 62	0	0	2	1		59.10	1.23		DN0059/44	1			
		PM DAILY SUN DIODE														
11F107/408	18:19:38	COLOR	215.0/300.0	-20	.12	1/1	1	2	RT/UH	16K	16	251.4/13.7	189/-16	255/19:11:14	07:14.0	
		BLU	ISDR 394	0	0	315	6		95.29	55.91		DN0060/01	1			
		GRN	ISDR 395	0	0	314	5		101.09	44.13		DN0060/02	1			
		RED	ISDR 394	0	0	315	3		127.62	39.38		DN0060/03	1			
		RADIO SCIENCE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
11F108/409 09:33:47	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-23	114.2/24.0	52/-21	256/11:04:58	00:14.5	
	SUN	SDR 64	64	1	1	1		66.93	1.49		DN0060/04	1			
	AM DAILY SUN DIODE														
11F109/409 10:08:47	SINGLE	237.5/240.0	30	.04	4/2	1	2	REC/UH	16K	-21	119.3/31.0	57/-28	256/11:39:58	00:14.5	
	SUN	SDR 65	64	1	0	0		35.03	1.29		DN0060/05	1			
	AM DAILY SUN DIODE														
11F110/410 09:34:12	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-19	114.1/24.2	52/-21	257/11:44:59	00:14.5	
	SUN	SDR 65	64	1	0	0		67.09	3.37		DN0060/06	1			
	AM DAILY SUN DIODE														
12F111/410 17:19:13	SINGLE	185.0/187.5	30	.04	4/2	1	2	REC/UH	16K	4	244.3/26.5	5/-28	257/19:30:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.12	2.32		DN0060/07	1			
	PM DAILY SUN DIODE														
11F112/411 09:34:38	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-23	113.9/24.4	52/-21	258/12:25:00	00:14.5	
	SUN	SDR 65	64	1	0	0		66.56	1.96		DN0060/08	1			
	AM DAILY SUN DIODE														
11F113/412 09:35:02	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-19	113.8/24.6	52/-21	259/13:05:00	00:14.5	
	SUN	SDR 66	64	2	0	0		67.63	8.20		DN0060/09	1			
	AM DAILY SUN DIODE														
11F114/412 10:10:02	SINGLE	237.5/240.0	30	.04	4/2	1	2	REC/UH	16K	-17	118.9/31.7	57/-28	259/13:40:00	00:14.5	
	SUN	SDR 64	64	1	1	1		35.12	3.07		DN0060/10	1			
	AM DAILY SUN DIODE														
11F115/413 09:40:31	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-17	114.3/25.8	52/-22	260/13:50:03	00:14.5	
	SUN	SDR 65	64	1	0	0		66.45	2.93		DN0060/11	1			
	AM DAILY SUN DIODE														
11F116/414 09:40:56	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-17	114.2/26.0	52/-23	261/14:30:04	00:14.5	
	SUN	SDR 65	64	1	0	0		66.80	2.86		DN0060/12	1			
	AM DAILY SUN DIODE														
12F117/414 17:15:57	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	6	244.7/27.6	6/-29	261/22:05:05	00:14.5	
	SUN	SDR 62	0	0	2	1		59.19	3.16		DN0060/13	1			
	PM DAILY SUN DIODE														
11F118/415 09:41:16	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K		114.0/26.2	52/-23	262/15:09:59	00:14.5	
	SUN	ISDR 49	0	0	15	2		129.23	61.92		DN0060/14	1			
	AM DAILY SUN DIODE														
11F119/416 14:30:09	COLOR	330.0/330.0	-20	.12	1/1	1	4	REC/UH	16K		205.0/55.2	139/-55	263/20:38:28	03:01.2	R
	BLU	ISDR 281	2	280	0	0		82.14	45.89		DN0060/15	1			
	GRN	ISDR 281	2	280	0	0		98.46	42.85		DN0060/16	1			
	RED	ISDR 281	2	280	0	0		122.18	44.32		DN0060/17	1			
	PHOBOS SHADOW														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F120/416	17:11:41	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	4	244.5/28.7	6/-30	263/23:19:59	00:14.5	
		SUN	SDR 65	64	1	0	0		59.34	5.45		DN0060/18	1			
		PM DAILY SUN DIODE														
11F121/418	09:42:30	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-17	113.6/26.9	52/-23	265/17:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.85	5.68		DN0060/19	1			
		AM DAILY SUN DIODE														
12F122/418	17:07:30	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	6	244.4/29.7	5/-32	266/00:34:59	00:14.5	
		SUN	SDR 65	64	1	0	0		59.41	5.94		DN0060/20	1			
		PM DAILY SUN DIODE														
11F123/419	09:47:55	SINGLE	232.5/235.0	30	.04	4/2	1	1	REC/UH	16K	-15	114.2/28.1	52/-25	266/17:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.54	5.72		DN0060/21	1			
		AM DAILY SUN DIODE														
12F124/419	17:07:56	SINGLE	185.0/187.5	30	.04	4/2	1	1	REC/UH	16K	4	244.7/29.7	6/-32	267/01:15:00	00:14.5	
		SUN	SDR 65	64	1	0	0		59.28	4.53		DN0060/22	1			
		PM DAILY SUN DIODE														
12F125/419	17:20:04	COLOR	35.0/ 35.0	-10	.12	1/1	1	4	REC/UH	16K	4	246.4/27.2	8/-29	267/01:27:08	03:01.2	R
		BLU	SDR 281	2	280	0	0		97.32	51.64		DN0060/23	1			
		GRN	SDR 281	2	280	0	0		105.24	55.98		DN0060/24	1			
		RED	SDR 281	2	280	0	0		109.80	46.60		DN0060/25	1			
		PHOBOS SHADOW														
11F126/420	09:08:20	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-19	108.9/20.0	47/-17	267/17:54:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.83	2.31		DN0060/26	1			
		AM DAILY SUN DIODE														
12F127/420	17:38:20	SINGLE	190.0/192.5	30	.04	4/2	1	1	REC/UH	16K	6	249.1/23.5	10/-25	268/02:25:00	00:14.5	
		SUN	SDR 65	64	1	0	0		59.16	2.85		DN0060/27	1			
		PM DAILY SUN DIODE														
11F128/421	09:08:44	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	108.7/20.2	47/-17	268/18:34:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.07	3.13		DN0060/28	1			
		AM DAILY SUN DIODE														
12F129/421	17:38:44	SINGLE	190.0/192.5	30	.04	4/2	1	1	REC/UH	16K	4	249.3/23.5	11/-25	269/03:04:58	00:14.5	
		SUN	SDR 65	64	1	0	0		59.15	2.72		DN0060/29	1			
		PM DAILY SUN DIODE														
11F130/422	09:14:10	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	109.2/21.5	47/-18	269/19:20:00	00:14.5	
		SUN	SDR 62	0	0	2	1		67.00	9.14		DN0060/30	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F131/422	11:04:10	COLOR	35.0/ 40.0		-10 .12	1/1	1	4	REC/UH	16K	-12	127.0/43.4	64/-40	269/21:09:59	00:27.9	
		BLU	SDR	42	0 0	1	1		112.62	45.18		DN0060/31	1			
		GRN	SDR	42	0 0	1	1		139.39	52.90		DN0060/32	1			
		RED	SDR	41	0 0	2	1		156.65	52.60		DN0060/33	1			
		RTC #1, CLR														
11F132/422	15:41:27	SINGLE	205.0/235.0		-30 .12	1/3	1	4	REC/UH	16K	4	228.9/46.4	164/-48	270/01:47:17	00:54.5	
		BLU	SDR	249	0 0	2	2		78.66	31.20		DN0060/34	1			
		F/C 11C071/197 REPROD.														
12F133/422	17:34:09	SINGLE	190.0/192.5		30 .04	4/2	1	1	REC/UH	16K	6	249.0/24.5	10/-26	270/03:39:59	00:14.5	
		SUN	SDR	62	0 0	2	1		59.22	3.64		DN0060/35	1			
		PM DAILY SUN DIODE														
12F134/423	12:04:34	COLOR	285.0/312.5		-20 .12	1/1	1	4	REC/UH	16K	-6	143.4/53.2	263/-50	270/22:49:59	02:27.9	
		BLU	SDR	228	0 0	2	2		111.91	50.57		DN0060/36	1			
		GRN	SDR	229	0 0	1	1		121.85	53.48		DN0060/37	1			
		RED	SDR	228	0 0	2	2		149.52	57.90		DN0060/38	1			
		RTC AND GRID, CLR														
12F135/423	17:34:35	SINGLE	190.0/192.5		30 .04	4/2	1	1	REC/UH	16K	4	249.3/24.5	11/-26	271/04:20:00	00:14.5	
		SUN	SDR	61	0 0	3	1		59.15	2.61		DN0060/39	1			
		PM DAILY SUN DIODE														
12F136/423	18:17:17	COLOR	310.0/310.0		-10 .12	1/1	1	3	REC/UH	16K	4	254.3/15.4	16/-18	271/05:02:42	03:01.2	R
		BLU	SDR	281	2 281	1	1		79.22	42.67		DN0060/40	1			
		GRN	SDR	281	2 281	1	1		83.89	43.78		DN0060/41	1			
		RED	SDR	280	2 281	2	2		94.43	42.33		DN0060/42	1			
		PHOBOS SHADOW														
11F137/424	09:14:59	SINGLE	227.5/230.0		30 .04	4/2	1	1	REC/UH	16K	-23	108.9/21.9	47/-18	271/20:39:59	00:14.5	
		SUN	SDR	65	64 1	0	0		66.71	1.60		DN0060/43	1			
		AM DAILY SUN DIODE														
11F138/425	09:15:23	SINGLE	227.5/230.0		30 .04	4/2	1	1	REC/UH	16K	-19	108.8/22.1	47/-19	272/21:19:59	00:14.5	
		SUN	SDR	65	64 1	0	0		66.69	1.91		DN0060/44	1			
		AM DAILY SUN DIODE														
11F139/426	06:59:50	SINGLE	.0/ 5.0		0 .12	8/3	1	4	REC/UH	16K	-21	95.0/- 7	33/ 10	273/19:44:01	00:10.1	
		BB1	SDR	40	0 0	3	2		103.51	49.57		DN0060/45	1			
		SCAN VER & CAL - CAM 1														
11F140/426	06:59:32	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	-21	95.0/- 7	33/ 10	273/19:43:43	00:18.0	
		CAL	SDR	84	0 0	0	0		.00	.00		DN0060/46	1			
		CALIBRATION FRAME														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F141/426	09:20:38	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-19	109.2/23.4	47/-20	273/22:04:49	00:14.5	
		SUN	SDR 62	0	0	2	1		66.83	1.52		DN0060/47	1			
		AM DAILY SUN DIODE														
12F142/426	12:59:50	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-6	165.2/59.4	283/-57	274/01:44:01	00:10.1	
		BB1	SDR 41	0	0	2	1		45.32	23.09		DN0060/48	1			
		SCAN VER & CAL - CAM 2														
12F143/426	12:59:32	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-6	165.0/59.3	283/-57	274/01:43:43	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0060/49	1			
		CALIBRATION FRAME														
12F144/426	17:30:37	SINGLE	190.0/192.5	30	.04	4/2	1	1	REC/UH	16K	4	249.4/25.6	11/-28	274/06:14:48	00:14.5	
		SUN	SDR 62	0	0	2	1		59.36	5.49		DN0060/50	1			
		PM DAILY SUN DIODE														
11F145/427	09:21:13	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-19	109.1/23.6	47/-20	274/22:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		67.20	5.04		DN0061/01	1			
		AM DAILY SUN DIODE														
11F146/428	09:21:38	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-19	109.0/23.9	47/-20	275/23:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		67.22	4.40		DN0061/02	1			
		AM DAILY SUN DIODE														
11F147/428	13:10:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-2	169.9/60.3	104/-58	276/03:13:21	00:10.1	
		BB1	SDR 44	43	1	0	0		68.17	52.09		DN0061/03	1			
		SCAN VER & CAL - CAM 1														
11F148/428	13:09:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-2	169.8/60.3	103/-58	276/03:13:03	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0061/04	1			
		CALIBRATION FRAME														
12F149/428	13:20:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	0	174.8/60.6	292/-59	276/03:23:21	00:10.1	
		BB1	SDR 44	43	1	0	0		44.94	22.17		DN0061/05	1			
		SCAN VER & CAL - CAM 2														
12F150/428	13:19:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	0	174.6/60.6	292/-59	276/03:23:03	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0061/06	1			
		CALIBRATION FRAME														
12F151/428	17:41:38	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	8	251.3/23.4	13/-25	276/07:45:00	00:14.5	
		SUN	SDR 62	0	0	2	1		59.21	3.40		DN0061/07	1			
		PM DAILY SUN DIODE														
11F152/429	09:22:01	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	108.8/24.1	47/-21	277/00:04:58	00:14.5	
		SUN	SDR 62	0	0	2	1		66.20	4.51		DN0061/08	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE ON VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F153/429	17:42:02	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	6	251.6/23.4	13/-25	277/08:24:59	00:14.5	
		SUN	SDR 62	0	0	2	1		59.16	2.78		DN0061/09	1			
		PM DAILY SUN DIODE														
11F154/430	16:14:59	SINGLE	215.0/222.5	-30	.04	0/2	1	4	REC/UH	16K	6	238.4/41.3	175/-43	278/07:37:31	00:41.2	
		BB2	SDR 190	189	1	0	0		114.21	33.26		DN0061/10	1			
		PPHY,PROPS DIURNAL TREN														
12F155/430	17:37:27	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	8	251.2/24.4	13/-26	278/08:59:59	00:14.5	
		SUN	SDR 65	64	1	0	0		59.30	4.43		DN0061/11	1			
		PM DAILY SUN DIODE														
11F156/431	09:22:52	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	108.6/24.5	47/-21	279/01:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		66.77	3.84		DN0061/12	1			
		AM DAILY SUN DIODE														
12F157/431	16:14:59	COLOR	157.5/165.0	-30	.12	1/1	1	4	REC/UH	16K	10	238.7/41.4	359/-43	279/08:17:06	00:41.2	
		BLU	SDR 62	65	8	10	2		56.30	30.01		DN0061/13	1			
		GRN	SDR 63	65	8	9	1		61.96	31.35		DN0061/14	1			
		RED	SDR 70	65	8	2	2		92.92	48.76		DN0061/15	1			
		XRFS DURICRUST														
12F158/431	16:22:27	IR	157.5/165.0	-30	.12	9/1	1	4	REC/UH	16K	10	240.1/39.9	/-42	279/08:24:34	00:41.2	
		IR3	ISDR 8	0	0	56	1		52.96	24.06		DN0061/16	1			
		IR2	ISDR 7	0	0	57	1		51.99	24.15		DN0061/17	1			
		IR1	ISDR 7	0	0	57	1		61.86	28.88		DN0061/18	1			
		XRFS DURICRUST														
12F159/431	17:37:52	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	10	251.5/24.4	13/-26	279/09:39:59	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0061/19	1			
		PM DAILY SUN DIODE														
11F160/432	09:28:17	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-21	109.0/25.8	47/-22	280/02:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		67.09	3.27		DN0061/20	1			
		AM DAILY SUN DIODE														
11F161/432	11:14:59	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-13	127.6/47.1	65/-44	280/03:56:41	00:27.9	
		BLU	SDR 42	0	0	1	1		116.79	46.12		DN0061/21	1			
		GRN	SDR 41	0	0	2	1		144.83	53.93		DN0061/22	1			
		RED	SDR 41	0	0	2	1		161.67	53.48		DN0061/23	1			
		CAM.COMP.SEQ,RTC,CLR														
11F162/432	11:16:59	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-13	128.1/47.4	65/-44	280/03:58:41	00:27.9	
		IR3	SDR 42	0	0	1	1		109.76	38.44		DN0061/24	1			
		IR2	SDR 41	0	0	2	1		114.02	39.76		DN0061/25	1			
		IR1	SDR 41	0	0	2	1		134.48	45.08		DN0061/26	1			
		CAM.COMP.SEQ,RTC,IR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
11F163/432	11:18:59	COLOR	52.5/	60.0	-10 .12	1/1	1	4	REC/UH	16K	-13	128.6/47.8	66/-45	280/04:00:41	00:41.2
		BLU	SDR	63	0 0	1	1		101.82	43.74		DN0061/27	1		
		GRN	SDR	62	0 0	2	1		130.17	50.83		DN0061/28	1		
		RED	SDR	62	0 0	2	1		154.92	55.55		DN0061/29	1		
		CAM.COMP.SEQ,RTC,CLR													
11F164/432	11:20:59	IR	52.5/	60.0	-10 .12	9/1	1	4	REC/UH	16K	-13	129.1/48.1	66/-45	280/04:02:41	00:41.2
		IR3	SDR	63	0 0	1	1		103.69	35.93		DN0061/30	1		
		IR2	SDR	61	0 0	3	2		107.41	37.17		DN0061/31	1		
		IR1	SDR	61	0 0	3	2		129.15	46.43		DN0061/32	1		
		CAM.COMP.SEQ,RTC,IR													
12F165/432	11:22:59	COLOR	272.5/280.0		-10 .12	1/1	1	4	REC/UH	16K	-13	129.6/48.5	250/-45	280/04:04:41	00:41.2
		BLU	SDR	63	0 0	1	1		153.43	45.40		DN0061/33	1		
		GRN	SDR	62	0 0	2	1		166.83	43.89		DN0061/34	1		
		RED	SDR	62	0 0	2	1		193.55	34.83		DN0061/35	1		
		CAM.COMP.SEQ,RTC,CLR													
12F166/432	11:24:59	IR	272.5/280.0		-10 .12	9/1	1	4	REC/UH	16K	-12	130.1/48.8	251/-46	280/04:06:41	00:41.2
		IR3	SDR	63	0 0	1	1		127.81	24.34		DN0061/36	1		
		IR2	SDR	62	0 0	2	1		128.73	25.01		DN0061/37	1		
		IR1	SDR	62	0 0	2	1		151.61	27.72		DN0061/38	1		
		CAM.COMP.SEQ,RTC,IR													
12F167/432	11:26:59	COLOR	285.0/292.5		-10 .12	1/1	1	4	REC/UH	16K	-12	130.6/49.2	251/-46	280/04:08:41	00:41.2
		BLU	SDR	63	0 0	1	1		117.21	50.26		DN0061/39	1		
		GRN	SDR	62	0 0	2	1		127.83	52.03		DN0061/40	1		
		RED	SDR	62	0 0	2	1		154.48	55.73		DN0061/41	1		
		CAM.COMP.SEQ,RTC,CLR													
12F168/432	11:28:59	IR	285.0/292.5		-10 .12	9/1	1	4	REC/UH	16K	-12	131.1/49.5	252/-46	280/04:10:41	00:41.2
		IR3	SDR	63	0 0	1	1		104.99	37.72		DN0061/42	1		
		IR2	SDR	62	0 0	2	1		105.12	38.29		DN0061/43	1		
		IR1	SDR	62	0 0	2	1		126.85	45.90		DN0061/44	1		
		CAM.COMP.SEQ,RTC,IR													
12F169/432	11:30:59	COLOR	305.0/310.0		-10 .12	1/1	1	4	REC/UH	16K	-12	131.7/49.9	252/-47	280/04:12:41	00:27.9
		BLU	SDR	42	0 0	1	1		119.64	61.01		DN0061/45	1		
		GRN	SDR	41	0 0	2	1		127.68	64.80		DN0061/46	1		
		RED	SDR	41	0 0	2	1		145.05	67.53		DN0061/47	1		
		CAM.COMP.SEQ,RTC,CLR													
12F170/432	11:32:59	IR	305.0/310.0		-10 .12	9/1	1	4	REC/UH	16K	-12	132.2/50.2	253/-47	280/04:14:41	00:27.9
		IR3	SDR	42	0 0	1	1		95.28	40.55		DN0061/48	1		
		IR2	SDR	41	0 0	2	1		95.47	40.84		DN0061/49	1		
		IR1	SDR	41	0 0	2	1		117.75	52.07		DN0061/50	1		
		CAM.COMP.SEQ,RTC,IR													

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F171/433 08:47:23	SINGLE	287.5/332.5	0	.04	5/2	1	3	REC/UH	16K	-19	104.0/17.1	42/-14	281/02:08:41	04:01.2	
	BB4	SDR 1123	0	0	3	2		141.39	65.07		DN0061/51	2			
	MONITOR BEDROCK														
11F172/433 09:28:40	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	108.9/26.1	47/-23	281/02:49:58	00:14.5	
	SUN	SDR 65	64	1	0	0		66.76	6.36		DN0061/52	1			
	AM DAILY SUN DIODE														
12F173/433 17:33:41	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	8	251.5/25.4	13/-27	281/10:54:59	00:14.5	
	SUN	SDR 65	64	1	0	0		59.67	5.95		DN0061/53	1			
	PM DAILY SUN DIODE														
11F174/433 18:38:41	COLOR	27.5/ 67.5	10	.12	1/1	7	5	REC/UH	16K	4	258.8/11.3	197/-14	281/11:59:59	03:34.5	
	BLU	SDR 334	0	0	0	0		97.64	55.01		DN0061/54	1			
	GRN	SDR 333	0	0	1	1		99.57	54.55		DN0061/55	1			
	RED	SDR 333	0	0	1	1		88.02	51.63		DN0061/56	1			
	SKY BRIGHTNESS														
12F175/433 19:28:03	COLOR	205.0/205.0	10	.12	1/1	1	4	REC/UH	250	4	263.5/ .3	26/- 3	281/12:49:21	25:01.2	R
	BLU	ISDR 34	2	34	1	1		75.44	45.75		DN0062/01	1			
	GRN	ISDR 35	2	34	0	0		53.60	28.85		DN0062/02	1			
	RED	ISDR 35	2	34	0	0		40.57	18.10		DN0062/03	1			
	PM TWILIGHT RESCAN														
12F176/433 19:55:15	COLOR	207.5/207.5	10	.12	1/1	1	2	REC/UH	250	2	266.0/- 5	28/ 2	281/13:16:33	25:01.2	R
	BLU	ISDR 35	2	34	0	0		64.96	43.20		DN0062/04	1			
	GRN	ISDR 35	2	34	0	0		49.44	22.82		DN0062/05	1			
	RED	ISDR 35	2	34	0	0		40.10	11.12		DN0062/06	1			
	PM TWILIGHT RESCAN														
12F177/433 20:22:27	COLOR	210.0/210.0	10	.12	1/1	1	0	REC/UH	250	2	268.5/-11	31/ 9	281/13:43:45	25:01.2	R
	BLU	ISDR 34	2	34	1	1		132.42	17.10		DN0062/07	1			
	GRN	ISDR 35	2	34	0	0		127.44	8.23		DN0062/08	1			
	RED	ISDR 35	2	34	0	0		125.25	3.47		DN0062/09	1			
	PM TWILIGHT RESCAN														
11F178/434 09:29:07	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-17	108.8/26.3	47/-23	282/03:30:00	00:14.5	
	SUN	SDR 62	0	0	2	1		67.12	6.26		DN0062/10	1			
	AM DAILY SUN DIODE														
12F179/434 13:19:00	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	0	174.6/61.9	292/-60	282/07:19:53	00:27.9	
	BLU	SDR 41	0	0	2	1		149.22	48.83		DN0062/11	1			
	GRN	SDR 41	0	0	2	1		157.24	50.78		DN0062/12	1			
	RED	SDR 40	0	0	3	1		178.48	53.73		DN0062/13	1			
	RTC #2,COLOR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F180/434	14:31:00	SINGLE	65.0/165.0	-10	.04	5/2	1	4	REC/UH	16K	6	209.4/58.4	327/-59	282/08:31:53	08:54.5	
		BB4	SDR	2495	0	0	6	3	126.82	44.16		DN0062/14	4			
		HR MOSAIC														
12F181/435	08:45:59	SINGLE	40.0/ 82.5	-10	.04	5/2	1	3	REC/UH	16K	-19	103.5/17.1	226/-14	283/03:26:27	03:47.8	
		BB4	SDR	1058	0	0	6	2	82.49	33.13		DN0062/15	2			
		F/C 12C044/183 REPRO														
11F182/435	09:29:31	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-19	108.6/26.5	47/-23	283/04:10:00	00:14.5	
		SUN	SDR	62	0	0	2	1	67.26	5.79		DN0062/16	1			
		AM DAILY SUN DIODE														
12F183/435	17:29:31	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	-19	251.4/26.4	13/-28	283/12:09:59	00:14.5	
		SUN	ISDR	71	376	7	0	0	107.30	29.06		DN0062/17	1			
		PM DAILY SUN DIODE														
12F184/437	08:38:46	SINGLE	30.0/ 37.5	-20	.04	0/2	1	3	REC/UH	16K	-17	102.4/15.8	225/-12	285/04:38:24	00:41.2	
		BB2	ISDR	184	189	1	6	3	78.03	31.08		DN0062/18	1			
		F/C 12C041/183 REPRO														
11F185/437	09:35:20	SINGLE	227.5/230.0	30	.04	4/2	1	1	REC/UH	16K	-15	109.0/28.1	47/-25	285/05:34:58	00:14.5	
		SUN	ISDR	65	64	1	0	0	65.95	6.72		DN0062/19	1			
		AM DAILY SUN DIODE														
12F186/438	17:25:46	SINGLE	192.5/195.0	30	.04	4/2	1	1	REC/UH	16K	-15	251.7/27.4	13/-29	286/14:05:00	00:14.5	
		SUN	ISDR	71	376	7	0	0	107.30	29.06		DN0062/20	1			
		PM DAILY SUN DIODE														
12F187/439	17:41:10	SINGLE	195.0/197.5	30	.04	4/2	1	2	REC/UH	16K	8	253.8/24.2	15/-26	287/14:59:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.20	3.28		DN0062/21	1			
		PM DAILY SUN DIODE														
12F188/440	08:46:35	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-17	102.7/17.9	225/-15	288/06:45:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	57.51	3.47		DN0062/22	1			
		AM DAILY SUN DIODE														
12F189/440	09:11:35	SINGLE	47.5/ 50.0	30	.04	4/2	1	2	REC/UH	16K	-15	105.5/23.4	228/-20	288/07:10:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.13	2.56		DN0062/23	1			
		AM DAILY SUN DIODE														
12F190/440	14:11:35	SINGLE	152.5/165.0	-30	.04	0/2	1	4	REC/UH	16K	4	202.4/61.4	319/-61	288/12:09:59	01:07.9	
		BB2	ISDR	315	314	1	0	0	92.73	35.21		DN0062/24	1			
		XRFS DURICRUST														
12F191/440	14:36:35	SINGLE	90.0/125.0	-30	.04	0/2	1	4	REC/UH	16K	4	213.4/58.8	331/-59	288/12:34:59	03:07.8	
		BB2	ISDR	879	876	3	0	0	104.27	33.99		DN0062/25	1			
		XRFS SITES MONITOR														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F192/440 14:46:35	SINGLE	272.5/305.0	-30	.04	0/2	1	4	REC/UH	16K	4	217.3/57.5	151/-58	288/12:44:59	02:54.5	
	BB2	ISDR 812	0	0	2	1		109.65	34.57		DN0062/26	1			
	ATLANTIC CITY,ROCKY FLA														
11F193/440 16:09:40	SINGLE	297.5/307.5	-20	.04	13/2	1	4	REC/UH	16K	6	240.1/43.2	176/-45	288/14:08:04	00:54.5	
	BB3	ISDR 255	251	4	0	0		87.33	31.72		DN0062/27	1			
	F/C 11C033/182 REPRO														
12F194/440 17:46:35	SINGLE	195.0/197.5	30	.04	4/2	1	2	REC/UH	16K	6	254.7/23.0	16/-25	288/15:44:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		31.15	2.77		DN0062/28	1			
	PM DAILY SUN DIODE														
12F195/441 08:51:59	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-21	103.1/19.3	225/-16	289/07:29:58	00:14.5	
	SUN	ISDR 74	64	10	0	0		122.58	69.33		DN0062/29	1			
	AM DAILY SUN DIODE														
12F196/441 09:11:59	SINGLE	47.5/ 50.0	30	.04	4/2	1	2	REC/UH	16K	-21	105.3/23.6	228/-20	289/07:49:58	00:14.5	
	SUN	ISDR 52	64	1	13	2		103.71	91.88		DN0062/30	1			
	AM DAILY SUN DIODE														
11F197/441 11:17:59	SINGLE	227.5/235.0	-30	.04	0/2	1	4	REC/UH	16K	-12	126.6/49.3	64/-46	289/09:55:58	00:41.2	
	BB2	ISDR 192	189	3	0	0		68.29	40.23		DN0062/31	1			
	SPONGE ROCK, SSCA														
11F198/441 12:17:59	SINGLE	227.5/240.0	-30	.04	0/2	1	4	REC/UH	16K	-8	145.7/58.7	81/-56	289/10:55:58	01:07.9	
	BB2	ISDR 315	314	1	0	0		117.03	37.53		DN0062/32	1			
	SPONGE ROCK & HR MOSAIC														
12F199/441 12:46:59	COLOR	305.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	-4	158.5/61.8	276/-59	289/11:24:58	00:27.9	
	BLU	ISDR 42	0	0	1	1		141.18	52.46		DN0062/33	1			
	GRN	ISDR 42	0	0	1	1		148.28	54.02		DN0062/34	1			
	RED	ISDR 41	0	0	2	1		170.15	56.83		DN0062/35	1			
	RTC#2, COLOR														
12F200/441 12:56:58	IR	305.0/310.0	-10	.12	9/1	1	4	REC/UH	16K	-2	163.4/62.5	281/-60	289/11:34:58	00:27.9	
	IR3	ISDR 42	0	0	1	1		120.14	38.94		DN0062/36	1			
	IR2	ISDR 42	0	0	1	1		120.42	39.57		DN0062/37	1			
	IR1	ISDR 41	0	0	2	1		143.51	47.31		DN0062/38	1			
	RTC#2, IR														
11F201/441 13:06:58	SINGLE	210.0/227.5	-30	.04	0/2	1	4	REC/UH	16K	-4	168.6/63.1	102/-61	289/11:44:58	01:34.5	
	BB2	ISDR 440	439	1	0	0		117.49	41.55		DN0062/39	1			
	HR COMPOSITE														
12F202/441 13:11:58	IR	90.0/125.0	-30	.12	9/1	1	4	REC/UH	16K	-2	171.3/63.3	288/-61	289/11:49:58	03:07.8	
	IR3	ISDR 290	0	0	3	1		91.36	26.80		DN0062/40	1			
	IR2	ISDR 289	0	0	4	2		90.98	27.49		DN0062/41	1			
	IR1	ISDR 290	0	0	3	1		111.01	29.53		DN0062/42	1			
	XRFS SITES MONITOR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F203/441	14:26:09	COLOR	80.0/150.0	-30	.12	1/1	1	4	REC/UH	16K	4	209.4/60.1	326/-60	289/13:04:09	06:14.5	
		BLU	ISDR 583	0	0	1	1		78.82	23.50		DN0062/43	1			
		GRN	ISDR 582	0	0	2	2		90.41	26.99		DN0062/44	1			
		RED	ISDR 583	0	0	1	1		125.70	36.38		DN0062/45	1			
		F/C 12C019/179 REPRO														
11F204/441	15:44:15	SINGLE	225.0/237.5	-40	.04	8/2	1	4	REC/UH	16K	4	234.9/48.1	170/-50	289/14:22:15	01:07.9	
		BB1	ISDR 315	314	1	0	0		121.57	27.04		DN0063/01	1			
		F/C 11C010/177 REPRO														
11F205/441	17:20:49	SINGLE	240.0/330.0	-30	.04	0/2	1	4	RT/UH	16K	6	251.8/28.6	189/-31	289/15:58:48	02:54.0	
		BB2	ISDR 800	0	0	1451	2		84.95	21.48		DN0063/02	3			
		SURFACE MONITOR														
12F206/442	08:52:24	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-17	102.9/19.5	225/-16	290/08:09:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		57.52	3.55		DN0063/03	1			
		AM DAILY SUN DIODE														
12F207/442	09:12:24	SINGLE	47.5/ 50.0	30	.04	4/2	1	2	REC/UH	16K	-15	105.2/23.9	227/-20	290/08:29:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.11	2.06		DN0063/04	1			
		AM DAILY SUN DIODE														
11F208/442	16:04:30	SINGLE	145.0/160.0	-20	.04	13/2	1	4	REC/UH	16K	4	239.7/44.4	176/-46	290/15:22:05	01:21.2	
		BB3	ISDR 358	0	0	18	1		147.02	40.75		DN0063/05	1			
		F/C 11C032/182 REPRO														
12F209/442	17:37:25	SINGLE	195.0/197.5	30	.04	4/2	1	2	REC/UH	16K	6	254.1/25.1	16/-27	290/16:55:00	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.16	2.80		DN0063/06	1			
		PM DAILY SUN DIODE														
12F210/443	09:12:50	SINGLE	47.5/ 50.0	30	.04	4/2	1	2	REC/UH	16K	-17	105.1/24.1	227/-21	291/09:10:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.15	2.65		DN0063/07	1			
		AM DAILY SUN DIODE														
12F211/445	08:58:38	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-21	103.1/21.3	225/-18	293/10:14:58	00:14.5	
		SUN	SDR 65	64	1	0	0		56.19	4.84		DN0063/08	1			
		AM DAILY SUN DIODE														
12F212/446	18:09:04	SINGLE	200.0/202.5	30	.04	4/2	1	1	REC/UH	16K	6	258.7/18.4	20/-21	294/20:05:00	00:14.5	
		SUN	SDR 65	64	1	0	0		59.11	2.06		DN0063/09	1			
		PM DAILY SUN DIODE														
12F213/447	08:59:28	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-19	102.8/21.8	225/-18	295/11:34:59	00:14.5	
		SUN	SDR 65	64	1	0	0		57.66	4.32		DN0063/10	1			
		AM DAILY SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F214/448 09:04:53	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-17	103.2/23.1	225/-20	296/12:20:00	00:14.5	
	SUN	SDR 65	64	1	0	0		57.73	5.94		DN0063/11	1			
	AM DAILY SUN DIODE														
12F215/449 09:00:17	SINGLE	45.0/ 47.5	20	.04	4/2	1	1	REC/UH	16K	-17	102.5/22.3	225/-19	297/12:54:59	00:14.5	
	SUN	SDR 62	0	0	2	1		57.13	5.28		DN0063/12	1			
	AM DAILY SUN DIODE														
12F216/453 17:16:56	SINGLE	195.0/197.5	30	.04	4/2	1	2	REC/UH	16K	8	254.3/30.0	16/-32	301/23:49:58	00:14.5	
	SUN	SDR 65	64	1	0	0		31.22	3.68		DN0063/13	1			
	PM DAILY SUN DIODE														
12F217/453 17:56:56	SINGLE	200.0/202.5	30	.04	4/2	1	2	REC/UH	16K	8	259.0/21.3	21/-24	302/00:29:58	00:14.5	
	SUN	SDR 65	64	1	0	0		31.14	2.58		DN0063/14	1			
	PM DAILY SUN DIODE														
12F218/454 09:07:22	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	-17	102.4/24.6	225/-21	302/16:20:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.16	2.89		DN0063/15	1			
	AM DAILY SUN DIODE														
11F219/454 09:10:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	102.7/25.2	41/-22	302/16:22:39	00:10.1	
	BB1	SDR 44	43	1	0	0		79.15	53.88		DN0063/16	1			
	SCAN VER & CAL - CAM 1														
11F220/454 09:09:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	102.7/25.1	41/-22	302/16:22:21	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0063/17	1			
	CALIBRATION FRAME														
12F221/454 09:20:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	103.9/27.4	226/-24	302/16:32:39	00:10.1	
	BB1	SDR 45	43	2	0	0		43.36	21.15		DN0063/18	1			
	SCAN VER & CAL - CAM 2														
12F222/454 09:19:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	103.8/27.3	226/-24	302/16:32:21	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0063/19	1			
	CALIBRATION FRAME														
12F223/454 09:32:22	SINGLE	47.5/ 50.0	30	.04	4/2	1	2	REC/UH	16K	-15	105.4/30.1	228/-27	302/16:45:00	00:14.5	
	SUN	SDR 60	0	0	4	2		31.25	4.19		DN0063/20	1			
	AM DAILY SUN DIODE														
12F224/455 09:12:46	SINGLE	45.0/ 47.5	30	.04	4/2	1	2	REC/UH	16K	-15	102.8/25.9	225/-22	303/17:04:59	00:14.5	
	SUN	SDR 65	64	1	0	0		31.16	2.97		DN0063/21	1			
	AM DAILY SUN DIODE														
11F225/457 13:44:59	SINGLE	207.5/212.5	-30	.04	13/2	1	4	REC/UH	16K	-2	193.0/66.5	124/-66	305/22:56:23	00:27.9	
	BB3	SDR 128	126	3	1	1		122.28	49.79		DN0063/22	1			
	CON.FORM.(SOL 296)/P.P.														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL.	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F226/457	14:03:35	SINGLE	297.5/307.5	-20	.04	0/2	1	4	REC/UH	16K	0	203.6/65.2	135/-65	305/23:14:59	00:54.5	
		BB2	SDR 251	251	1	1	1		89.03	39.30		DN0063/23	1			
		STEREO DEEP TRENCH/XRFS														
12F227/457	14:08:35	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	2	206.3/64.7	322/-65	305/23:19:59	00:54.5	
		BB2	SDR 247	251	1	5	3		90.08	34.52		DN0063/24	1			
		STEREO DEEP TRENCH/XRFS														
12F228/457	17:43:35	SINGLE	200.0/202.5	30	.04	4/2	1	2	REC/UH	16K	6	258.5/24.3	20/-27	306/02:54:58	00:14.5	
		SUN	SDR 62	0	0	2	1		31.22	3.61		DN0063/25	1			
		PM DAILY SUN DIODE														
12F229/458	09:19:01	SINGLE	45.0/ 47.5	30	.04	4/2	1	2	REC/UH	16K	-17	103.0/27.8	225/-24	306/19:10:00	00:14.5	
		SUN	SDR 62	0	0	2	1		31.23	4.02		DN0063/26	1			
		AM DAILY SUN DIODE														
11F230/464	18:50:34	SINGLE	85.0/ 92.5	0	.04	5/2	1	3	REC/UH	16K	4	267.0/ 9.5	205/-12	313/08:39:05	00:41.2	
		BB4	ISDR 83	189	3	109	1		99.25	48.73		DN0063/27	1			
		F/C 11B222/164 REPRO														
12F231/466	09:07:18	SINGLE	42.5/ 45.0	30	.04	4/2	1	2	REC/UH	16K	-15	100.2/26.4	223/-23	315/00:14:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.25	4.47		DN0063/28	1			
		AM DAILY SUN DIODE														
12F232/466	17:22:19	SINGLE	200.0/202.5	30	.04	4/2	1	2	REC/UH	16K	10	258.3/29.2	20/-31	315/08:30:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.30	4.49		DN0063/29	1			
		PM DAILY SUN DIODE														
12F233/467	09:07:44	SINGLE	42.5/ 45.0	30	.04	4/2	1	2	REC/UH	16K	-15	100.1/26.7	222/-23	316/00:55:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.35	5.59		DN0063/30	1			
		AM DAILY SUN DIODE														
12F234/467	17:22:43	SINGLE	200.0/202.5	30	.04	4/2	1	2	REC/UH	16K	10	258.6/29.2	20/-31	316/09:09:59	00:14.5	
		SUN	ISDR 60	0	0	4	2		32.43	12.99		DN0063/31	1			
		PM DAILY SUN DIODE														
12F235/468	09:08:08	SINGLE	42.5/ 45.0	30	.04	4/2	1	2	REC/UH	16K	-17	99.9/26.9	222/-24	317/01:34:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.19	3.42		DN0063/32	1			
		AM SUN DIODE														
12F236/469	09:13:32	SINGLE	42.5/ 45.0	30	.04	4/2	1	2	REC/UH	16K	-15	100.4/28.3	223/-25	318/02:19:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.18	3.32		DN0063/33	1			
		AM SUN DIODE														
11F237/469	12:58:56	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	0	165.4/69.0	97/-67	318/06:05:23	00:27.9	
		BLU	ISDR 42	0	0	1	1		121.67	52.04		DN0063/34	1			
		GRN	ISDR 42	0	0	1	1		149.67	62.83		DN0063/35	1			
		RED	ISDR 42	0	0	1	1		161.70	62.35		DN0063/36	1			
		RTC														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11F238/469	13:00:56	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	0	166.8/69.1	99/-67	318/06:07:23	00:27.9	
		IR3	ISDR	42	0	0	1	1	118.34	42.79		DN0063/37	1			
		IR2	ISDR	41	0	0	2	1	122.91	45.13		DN0063/38	1			
		IR1	ISDR	41	0	0	2	1	143.79	53.48		DN0063/39	1			
		RTC														
11F239/469	13:18:56	COLOR	205.0/225.0		-30	.12	1/1	1	4	REC/UH	16K	2	179.2/69.6	110/-68	318/06:25:23	01:47.9
		BLU	ISDR	167	0	0	1	1	83.87	37.31		DN0063/40	1			
		GRN	ISDR	166	0	0	2	1	110.76	43.45		DN0063/41	1			
		RED	ISDR	166	0	0	2	1	148.17	47.51		DN0063/42	1			
		SURFACE-CAM. CONT. CVR DEPLOY														
11F240/469	13:23:56	IR	205.0/225.0		-30	.12	9/1	1	4	REC/UH	16K	8	182.6/69.6	113/-68	318/06:30:23	01:47.9
		IR3	ISDR	167	0	0	1	1	111.63	38.40		DN0063/43	1			
		IR2	ISDR	167	0	0	1	1	115.51	39.91		DN0063/44	1			
		IR1	ISDR	167	0	0	1	1	137.56	45.59		DN0063/45	1			
		SURFACE-CAM. CONT. CVR DEPLOY														
12F241/469	18:03:32	SINGLE	205.0/207.5		30	.04	4/2	1	2	REC/UH	16K	8	263.6/20.1	25/-22	318/11:09:59	00:14.5
		SUN	ISDR	65	64	1	0	0	31.09	1.67		DN0063/46	1			
		PM SUN DIODE														
12F242/470	08:07:57	SINGLE	35.0/ 37.5		20	.04	4/2	1	1	REC/UH	16K	-17	93.4/13.8	216/-10	319/01:53:59	00:14.5
		SUN	ISDR	65	64	1	0	0	57.87	2.84		DN0063/47	1			
		AM SUN DIODE - CCCD														
11F243/470	08:09:07	SINGLE	212.5/215.0		20	.04	4/2	1	1	REC/UH	16K	-17	93.5/14.1	32/-11	319/01:55:09	00:14.5
		SUN	ISDR	65	64	1	0	0	62.66	2.91		DN0063/48	1			
		AM SUN DIODE - CCCD														
12F244/470	08:33:57	SINGLE	37.5/ 40.0		20	.04	4/2	1	2	REC/UH	16K	-15	96.0/19.6	218/-16	319/02:19:59	00:14.5
		SUN	ISDR	65	64	1	0	0	31.12	2.17		DN0063/49	1			
		AM SUN DIODE - CCCD														
11F245/470	08:35:07	SINGLE	215.0/217.5		20	.04	4/2	1	2	REC/UH	16K	-17	96.1/19.9	34/-16	319/02:21:09	00:14.5
		SUN	ISDR	65	64	1	0	0	34.34	2.76		DN0063/50	1			
		AM SUN DIODE - CCCD														
11F246/470	08:50:44	COLOR	227.5/267.5		10	.12	1/1	13	5	REC/UH	16K	-17	97.7/23.4	36/-20	319/02:36:46	03:34.5
		BLU	ISDR	333	0	0	1	1	97.36	58.20		DN0063/51	1			
		GRN	ISDR	332	0	0	2	1	103.62	56.12		DN0063/52	1			
		RED	ISDR	332	0	0	2	1	89.88	55.20		DN0063/53	1			
		AM SKY BRIGHTNESS - CCCD														
11F247/470	08:55:29	IR	257.5/262.5		10	.12	9/1	9	5	REC/UH	16K	-15	98.2/24.4	37/-21	319/02:41:31	00:27.9
		IR3	ISDR	41	0	0	2	2	27.37	3.66		DN0064/01	1			
		IR2	ISDR	42	0	0	1	1	31.09	5.17		DN0064/02	1			
		IR1	ISDR	41	0	0	2	1	44.05	8.51		DN0064/03	1			
		AM SKY BRIGHTNESS - CCCD														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12F248/470	08:57:31	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	98.4/24.9	221/-21	319/02:43:33	00:10.1	
		BB1	ISDR 45	43	2	0	0		44.66	21.58		DN0064/04	1			
		SCAN VER - CCCD														
12F249/470	08:57:13	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	98.4/24.8	221/-21	319/02:43:15	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0064/05	1			
		CALIBRATION FRAME														
11F250/470	08:59:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	98.6/25.2	37/-22	319/02:45:03	00:10.1	
		BB1	ISDR 45	43	2	0	0		76.03	53.48		DN0064/06	1			
		SCAN VER - CCCD														
11F251/470	08:58:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	98.5/25.2	37/-22	319/02:44:45	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0064/07	1			
		CALIBRATION FRAME														
11F252/470	08:59:59	SINGLE	340.0/340.0	0	.04	8/2	1	4	REC/UH	16K	-15	98.7/25.5	37/-22	319/02:46:01	00:01.2	
		BB1	ISDR 8	376	7	0	0		107.30	29.06		DN0064/08	1			
		DEPLOY CC														
11F253/470	09:01:46	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-13	98.9/25.8	37/-22	319/02:47:48	00:10.1	
		BB1	ISDR 45	43	2	0	0		79.03	56.99		DN0064/09	1			
		SCAN VER CCCD														
11F254/470	09:01:28	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	98.8/25.8	37/-22	319/02:47:30	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0064/10	1			
		CALIBRATION FRAME														
12F255/470	09:03:16	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-15	99.0/26.2	221/-23	319/02:49:18	00:10.1	
		BB1	ISDR 45	43	2	0	0		44.36	21.36		DN0064/11	1			
		SCAN VER CCCD														
12G000/470	09:02:58	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	99.0/26.1	221/-23	319/02:49:00	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0064/12	1			
		CALIBRATION FRAME														
11G001/470	09:04:14	IR	257.5/262.5	10	.12	9/1	9	5	REC/UH	16K	-15	99.1/26.4	37/-23	319/02:50:16	00:27.9	
		IR1	ISDR 50	376	7	0	0		107.30	29.06		DN0064/13	1			
		IR2	ISDR 50	376	7	0	0		107.30	29.06		DN0064/14	1			
		IR3	ISDR 50	376	7	0	0		107.30	29.06		DN0064/15	1			
		AM SKY BRIGHTNESS CCCD														
11G002/470	09:05:29	COLOR	227.5/267.5	10	.12	1/1	13	5	REC/UH	16K	-15	99.3/26.7	38/-23	319/02:51:31	03:34.5	
		BLU	ISDR 334	0	0	0	0		108.11	57.67		DN0064/16	1			
		GRN	ISDR 333	0	0	1	1		117.04	55.35		DN0064/17	1			
		RED	ISDR 333	0	0	1	1		100.60	55.04		DN0064/18	1			
		AM SKY BRIGHTNESS CCCD														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G003/470 09:18:57	SINGLE	42.5/ 45.0	30	.04	4/2	1	2	REC/UH	16K	-13	100.8/29.7	223/-26	319/03:04:59	00:14.5	
	SUN	ISDR 58	0	0	6	1		31.26	4.36		DN0064/19	1			
	AM SUN DIODE														
11G004/470 09:20:57	SINGLE	220.0/222.5	30	.04	4/2	1	2	REC/UH	16K	-12	101.0/30.1	39/-27	319/03:06:59	00:14.5	
	SUN	ISDR 62	0	0	2	1		32.23	4.93		DN0064/20	1			
	AM SUN DIODE CCCD														
12G005/470 09:58:57	SINGLE	47.5/ 50.0	40	.04	4/2	1	2	REC/UH	16K	-12	105.9/38.4	228/-35	319/03:44:59	00:14.5	
	SUN	ISDR 62	0	0	2	1		31.14	2.44		DN0064/21	1			
	AM SUN DIODE CCCD														
11G006/470 10:00:09	SINGLE	225.0/227.5	40	.04	4/2	1	2	REC/UH	16K	-10	106.1/38.7	44/-35	319/03:46:11	00:14.5	
	SUN	ISDR 58	0	0	6	2		32.93	7.12		DN0064/22	1			
	AM SUN DIODE CCCD														
11G007/470 12:58:58	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	2	165.5/69.2	97/-67	319/06:45:00	00:27.9	
	BLU	ISDR 42	0	0	1	1		129.49	54.48		DN0064/23	1			
	GRN	ISDR 42	0	0	1	1		152.81	64.94		DN0064/24	1			
	RED	ISDR 42	0	0	1	1		156.19	61.60		DN0064/25	1			
	RTC - CCCD														
11G008/470 13:00:58	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	2	166.9/69.3	99/-67	319/06:47:00	00:27.9	
	IR3	ISDR 42	0	0	1	1		126.05	45.63		DN0064/26	1			
	IR2	ISDR 41	0	0	2	1		131.33	48.03		DN0064/27	1			
	IR1	ISDR 41	0	0	2	1		152.59	56.69		DN0064/28	1			
	RTC - CCCD														
11G009/470 13:18:58	COLOR	205.0/225.0	-30	.12	1/1	1	4	REC/UH	16K	2	179.4/69.8	110/-68	319/07:05:00	01:47.9	
	BLU	ISDR 167	0	0	1	1		89.61	38.53		DN0064/29	1			
	GRN	ISDR 166	0	0	2	1		115.15	40.20		DN0064/30	1			
	RED	ISDR 166	0	0	2	1		156.68	48.99		DN0064/31	1			
	SURFACE - CCCD														
11G010/470 13:23:58	IR	205.0/225.0	-30	.12	9/1	1	4	REC/UH	16K	30	182.9/69.8	113/-69	319/07:10:00	01:47.9	
	IR3	ISDR 167	0	0	1	1		120.60	40.35		DN0065/01	1			
	IR2	ISDR 167	0	0	1	1		125.10	42.18		DN0065/02	1			
	IR1	ISDR 167	0	0	1	1		149.12	48.75		DN0065/03	1			
	SURFACE - CCCD														
11G011/470 18:03:58	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	8	263.9/20.0	202/-22	319/11:50:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		31.12	1.87		DN0065/04	1			
	PM SUN DIODE														
11G012/471 08:59:23	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.4/25.5	37/-22	320/03:25:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		33.98	3.48		DN0065/05	1			
	AM SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G013/472 09:04:47	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.8/26.8	37/-23	321/04:10:00	00:14.5	
	SUN	ISDR	65	64 1	0	0		33.69	4.34		DN0065/06	1			
	AM SUN DIODE														
11G014/472 17:59:47	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	8	263.9/21.0	202/-23	321/13:04:59	00:14.5	
	SUN	ISDR	65	64 1	0	0		31.15	2.12		DN0065/07	1			
	PM SUN DIODE														
11G015/473 09:05:11	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.7/27.1	37/-24	322/04:49:58	00:14.5	
	SUN	ISDR	65	64 1	0	0		33.85	4.28		DN0065/08	1			
	PM SUN DIODE														
11G016/473 18:00:10	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	6	264.2/20.9	202/-23	322/13:44:58	00:14.5	
	SUN	ISDR	65	64 1	0	0		31.23	2.68		DN0065/09	1			
	PM SUN DIODE														
11G017/474 05:50:36	COLOR	200.0/200.0	10	.12	1/1	1	0	REC/UH	250	6	79.8/-16	18/ 19	323/02:14:59	24:11.2	R
	BLU	ISDR	33	2 33	1	1		159.71	22.81		DN0065/10	1			
	GRN	ISDR	34	2 33	0	0		157.30	21.71		DN0065/11	1			
	RED	ISDR	34	2 33	0	0		152.21	15.30		DN0065/12	1			
	AM TWILIGHT ORB. COMPARISON														
11G018/474 06:16:41	COLOR	202.5/202.5	10	.12	1/1	1	2	REC/UH	250	-17	82.4/-10	20/ 13	323/02:41:04	24:11.2	R
	BLU	ISDR	33	2 33	1	1		70.54	47.93		DN0065/13	1			
	GRN	ISDR	34	2 33	0	0		69.09	45.71		DN0065/14	1			
	RED	ISDR	34	2 33	0	0		59.06	31.13		DN0065/15	1			
	AM TWILIGHT ORB. COMPARISON														
11G019/474 06:42:46	COLOR	205.0/205.0	10	.12	1/1	1	4	REC/UH	250	-17	84.9/- 4	23/ 7	323/03:07:09	24:11.2	R
	BLU	ISDR	33	2 33	1	1		75.74	36.11		DN0065/16	1			
	GRN	ISDR	34	2 33	0	0		70.94	32.88		DN0065/17	1			
	RED	ISDR	34	2 33	0	0		52.72	23.14		DN0065/18	1			
	AM TWILIGHT ORB. COMPARISON														
11G020/474 07:57:59	COLOR	167.5/170.0	10	.12	1/1	1	4	REC/UH	16K	-13	91.8/12.2	30/- 9	323/04:22:22	00:14.5	
	BLU	ISDR	21	0 0	1	1		139.41	72.76		DN0065/19	1			
	GRN	ISDR	21	0 0	1	1		139.78	74.44		DN0065/20	1			
	RED	ISDR	20	0 0	2	1		124.21	57.47		DN0065/21	1			
	COLOR STUDY														
11G021/474 07:59:29	IR	167.5/170.0	10	.12	9/1	1	4	REC/UH	16K	-13	91.9/12.5	30/- 9	323/04:23:52	00:14.5	
	IR3	ISDR	21	0 0	1	1		85.18	36.64		DN0065/22	1			
	IR2	ISDR	21	0 0	1	1		89.81	39.25		DN0065/23	1			
	IR1	ISDR	20	0 0	2	1		102.55	45.06		DN0065/24	1			
	COLOR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G022/474	08:00:36	SINGLE	210.0/212.5	20	.04	4/2	1	1	REC/UH	16K	-12	92.1/12.8	30/- 9	323/04:24:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		59.12	2.25		DN0065/25	1			
		COLOR STUDY														
11G023/474	08:57:59	COLOR	177.5/180.0	10	.12	1/1	1	5	REC/UH	16K	-12	97.7/25.6	36/-22	323/05:22:22	00:14.5	
		BLU	ISDR 21	0	0	1	1		122.53	52.60		DN0065/26	1			
		GRN	ISDR 21	0	0	1	1		131.48	56.06		DN0065/27	1			
		RED	ISDR 20	0	0	2	1		111.49	43.78		DN0065/28	1			
		COLOR STUDY														
11G024/474	08:59:29	IR	177.5/180.0	10	.12	9/1	1	5	REC/UH	16K	-12	97.9/26.0	36/-23	323/05:23:52	00:14.5	
		IR3	ISDR 21	0	0	1	1		79.02	27.54		DN0065/29	1			
		IR2	ISDR 21	0	0	1	1		83.92	29.78		DN0065/30	1			
		IR1	ISDR 20	0	0	2	1		94.85	34.90		DN0065/31	1			
		COLOR STUDY														
11G025/474	09:05:36	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-10	98.6/27.3	37/-24	323/05:29:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.90	5.11		DN0065/32	1			
		AM SUN DIODE														
11G026/474	09:57:59	COLOR	182.5/185.0	10	.12	1/1	10	5	REC/UH	16K	-8	105.0/38.9	43/-35	323/06:22:22	00:14.5	
		BLU	ISDR 21	0	0	1	1		83.68	7.87		DN0065/33	1			
		GRN	ISDR 21	0	0	1	1		98.79	10.98		DN0065/34	1			
		RED	ISDR 20	0	0	2	1		69.00	19.92		DN0065/35	1			
		COLOR STUDY														
11G027/474	09:59:29	IR	182.5/185.0	10	.12	9/1	10	5	REC/UH	16K	-8	105.2/39.2	43/-36	323/06:23:52	00:14.5	
		IR3	ISDR 21	0	0	1	1		31.38	5.77		DN0065/36	1			
		IR2	ISDR 21	0	0	1	1		35.57	7.26		DN0065/37	1			
		IR1	ISDR 20	0	0	2	1		50.12	10.27		DN0065/38	1			
		COLOR STUDY														
11G028/474	11:29:59	COLOR	200.0/202.5	10	.12	1/1	10	5	REC/UH	16K	-2	123.2/57.9	60/-55	323/07:54:22	00:14.5	
		BLU	ISDR 21	0	0	1	1		66.23	8.39		DN0065/39	1			
		GRN	ISDR 21	0	0	1	1		81.25	8.59		DN0065/40	1			
		RED	ISDR 20	0	0	2	1		59.32	14.03		DN0065/41	1			
		COLOR STUDY														
11G029/474	11:31:29	IR	200.0/202.5	10	.12	9/1	10	5	REC/UH	16K	-2	123.7/58.2	60/-55	323/07:55:52	00:14.5	
		IR3	ISDR 21	0	0	1	1		26.61	4.77		DN0065/42	1			
		IR2	ISDR 21	0	0	1	1		28.15	4.87		DN0065/43	1			
		IR1	ISDR 20	0	0	2	1		40.93	7.48		DN0065/44	1			
		COLOR STUDY														
11G030/474	12:59:59	COLOR	240.0/242.5	10	.12	1/1	10	5	REC/UH	16K	2	166.6/70.2	98/-68	323/09:24:22	00:14.5	
		BLU	ISDR 21	0	0	1	1		44.69	5.28		DN0065/45	1			
		GRN	ISDR 21	0	0	1	1		61.38	7.60		DN0065/46	1			
		RED	ISDR 20	0	0	2	1		47.16	13.83		DN0065/47	1			
		COLOR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G031/474	13:01:29	IR	240.0/242.5	10	.12	9/1	10	5	REC/UH	16K	2	167.7/70.2	99/-68	323/09:25:52	00:14.5	
		IR3	ISDR	21	0	0	1	1	25.66	1.91		DN0065/48	1			
		IR2	ISDR	21	0	0	1	1	27.83	3.44		DN0065/49	1			
		IR1	ISDR	20	0	0	2	1	32.02	9.01		DN0065/50	1			
		COLOR STUDY														
11G032/474	15:00:00	COLOR	310.0/312.5	10	.12	1/1	10	5	REC/UH	16K	8	234.7/59.2	169/-61	323/11:24:23	00:14.5	
		BLU	ISDR	21	0	0	1	1	59.00	6.62		DN0065/51	1			
		GRN	ISDR	21	0	0	1	1	76.34	6.65		DN0065/52	1			
		RED	ISDR	20	0	0	2	1	60.59	12.39		DN0065/53	1			
		COLOR STUDY														
11G033/474	15:01:30	IR	310.0/312.5	10	.12	9/1	10	5	REC/UH	16K	8	235.1/58.9	169/-60	323/11:25:53	00:14.5	
		IR3	ISDR	21	0	0	1	1	28.63	5.57		DN0065/54	1			
		IR2	ISDR	21	0	0	1	1	33.38	5.51		DN0065/55	1			
		IR1	ISDR	20	0	0	2	1	44.47	7.36		DN0065/56	1			
		COLOR STUDY														
11G034/474	17:00:00	COLOR	335.0/337.5	10	.12	1/1	10	5	REC/UH	16K	8	257.8/34.3	195/-36	323/13:24:23	00:14.5	
		BLU	ISDR	21	0	0	1	1	79.77	10.11		DN0065/57	1			
		GRN	ISDR	21	0	0	1	1	95.97	12.56		DN0065/58	1			
		RED	ISDR	20	0	0	2	1	73.03	13.12		DN0065/59	1			
		COLOR STUDY														
11G035/474	17:01:30	IR	335.0/337.5	10	.12	9/1	5	5	REC/UH	16K	8	257.9/34.0	195/-36	323/13:25:53	00:14.5	
		IR3	ISDR	21	0	0	1	1	78.80	11.38		DN0066/01	1			
		IR2	ISDR	21	0	0	1	1	84.25	13.66		DN0066/02	1			
		IR1	ISDR	20	0	0	2	1	92.35	19.48		DN0066/03	1			
		COLOR STUDY														
11G036/474	17:55:37	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	8	264.0/21.9	202/-24	323/14:20:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.42	4.03		DN0066/04	1			
		PM SUN DIODE														
11G037/474	18:00:00	COLOR	340.0/342.5	10	.12	1/1	1	5	REC/UH	16K	8	264.4/20.9	202/-23	323/14:24:23	00:14.5	
		BLU	ISDR	21	0	0	1	1	116.27	30.09		DN0066/05	1			
		GRN	ISDR	21	0	0	1	1	118.82	43.41		DN0066/06	1			
		RED	ISDR	20	0	0	2	1	93.82	40.17		DN0066/07	1			
		COLOR STUDY														
11G038/474	18:01:30	IR	340.0/342.5	10	.12	9/1	1	5	REC/UH	16K	8	264.6/20.6	202/-23	323/14:25:53	00:14.5	
		IR3	ISDR	13	0	0	9	1	76.28	24.85		DN0066/08	1			
		IR2	ISDR	13	0	0	9	1	79.23	27.29		DN0066/09	1			
		IR1	ISDR	13	0	0	9	1	82.95	32.62		DN0066/10	1			
		COLOR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G039/474	18:45:37	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	268.8/10.7	207/-13	323/15:10:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		55.58	2.02		DN0066/11	1			
		COLOR STUDY														
11G040/475	09:06:01	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.4/27.6	37/-24	324/06:09:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.11	5.66		DN0066/12	1			
		AM SUN DIODE														
12G041/475	14:52:28	SINGLE	285.0/290.0	-20	.04	8/2	1	4	REC/UH	16K	6	232.6/60.6	350/-62	324/11:56:26	00:27.9	
		BB1	ISDR 123	0	0	3	2		113.49	47.17		DN0066/13	1			
		REPRO 12B208/151														
12G042/475	15:27:27	SINGLE	20.0/ 30.0	-30	.04	0/2	1	4	REC/UH	16K	8	242.5/54.0	2/-56	324/12:31:26	00:54.5	
		BB2	ISDR 253	251	2	0	0		131.06	33.91		DN0066/14	1			
		REPRO 12B209/151														
11G043/475	15:32:27	SINGLE	290.0/300.0	-30	.04	0/2	1	4	REC/UH	16K	6	243.6/52.9	179/-55	324/12:36:26	00:54.5	
		BB2	ISDR 253	251	2	0	0		98.93	37.58		DN0066/15	1			
		REPRO 12B210/151														
11G044/476	09:11:26	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.9/29.0	37/-26	325/06:55:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.49	6.03		DN0066/16	1			
		AM SUN DIODE														
11G045/476	13:11:26	SINGLE	267.5/282.5	-10	.04	13/2	1	4	REC/UH	16K		175.2/71.0	106/-69	325/10:55:00	01:21.2	
		BB3	ISDR 378	376	2	0	0		144.17	46.13		DN0066/17	1			
		MATATATE PILES														
12G046/476	13:16:26	SINGLE	90.0/162.5	-50	.04	8/2	1	4	REC/UH	16K	2	179.0/71.1	293/-70	325/11:00:00	06:27.8	
		BB1	ISDR 1812	0	0	2	1		113.52	29.58		DN0066/18	3			
		FOOTPAD #3														
11G047/476	17:51:26	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	6	264.0/22.9	202/-25	325/15:34:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.49	4.38		DN0066/19	1			
		PM SUN DIODE														
11G048/477	09:11:50	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.7/29.2	37/-26	326/07:34:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.63	6.12		DN0066/20	1			
		AM SUN DIODE														
11G049/477	17:51:49	SINGLE	22.5/ 25.0	30	.04	4/2	1	2	REC/UH	16K	8	264.3/22.8	202/-25	326/16:14:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.55	4.95		DN0066/21	1			
		PM SUN DIODE														
11G050/478	09:12:15	SINGLE	217.5/220.0	30	.04	4/2	1	2	REC/UH	16K	-15	98.6/29.5	37/-26	327/08:14:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.79	7.11		DN0066/22	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G051/478	18:37:16	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	-15	268.9/12.6	207/-15	327/17:40:00	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0066/23	1			
		PM DAILY SUN DIODE														
11G052/479	08:27:40	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	12	93.8/19.6	32/-16	328/08:09:59	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0066/24	1			
		AM DAILY SUN DIODE														
11G053/479	18:32:40	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	12	268.7/13.6	207/-16	328/18:15:00	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0066/25	1			
		PM DAILY SUN DIODE														
11G054/480	08:28:05	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	12	93.7/19.9	32/-16	329/08:50:00	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0066/26	1			
		AM DAILY SUN DIODE														
11G055/480	18:33:05	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	12	269.0/13.5	207/-16	329/18:54:59	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0066/27	1			
		PM DAILY SUN DIODE														
11G056/481	08:28:29	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-17	93.5/20.1	32/-17	330/09:29:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.44	4.36		DN0066/28	1			
		AM DAILY SUN DIODE														
11G057/481	18:28:29	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	268.8/14.5	207/-17	330/19:29:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		56.93	4.24		DN0066/29	1			
		PM DAILY SUN DIODE														
11G058/482	08:33:55	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-17	93.9/21.5	32/-18	331/10:14:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.39	5.06		DN0066/30	1			
		AM DAILY SUN DIODE														
11G059/482	18:28:54	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	269.1/14.4	207/-17	331/20:09:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		57.00	4.44		DN0066/31	1			
		PM DAILY SUN DIODE														
11G060/483	08:34:19	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-15	93.8/21.7	32/-18	332/10:54:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.15	4.72		DN0066/32	1			
		AM DAILY SUN DIODE														
11G061/483	18:24:20	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	8	268.9/15.5	207/-18	332/20:45:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		56.60	4.36		DN0066/33	1			
		PM DAILY SUN DIODE														
11G062/484	07:00:00	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	84.9/ .7	23/ 2	333/10:00:16	00:10.1	
		BB1	ISDR 44	43	1	0	0		106.90	51.16		DN0066/34	1			
		SCAN VER & CAL - CAM 1														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G063/484 06:59:42	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	84.8/ .6	23/ 2	333/09:59:58	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0066/35	1			
	CALIBRATION FRAME														
11G064/484 08:34:44	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-15	93.6/22.0	32/-19	333/11:34:59	00:14.5	
	SUN	ISDR 67	64	3	0	0		35.40	14.48		DN0066/36	1			
	AM DAILY SUN DIODE														
12G065/484 13:00:01	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	2	167.9/72.4	282/-70	333/16:00:16	00:10.1	
	BB1	ISDR 45	43	2	0	0		44.11	21.94		DN0066/37	1			
	SCAN VER & CAL - CAM 2														
12G066/484 12:59:43	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	167.6/72.3	282/-70	333/15:59:58	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0066/38	1			
	CALIBRATION FRAME														
11G067/484 18:24:44	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	269.1/15.4	207/-18	333/21:25:00	00:14.5	
	SUN	ISDR 67	64	3	0	0		57.74	10.04		DN0066/39	1			
	PM DAILY SUN DIODE														
11G068/485 08:35:08	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-15	93.5/22.2	32/-19	334/12:14:59	00:14.5	
	SUN	ISDR 65	64	1	0	0		34.74	4.91		DN0066/40	1			
	AM DAILY SUN DIODE														
11G069/485 18:20:08	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	8	268.9/16.4	207/-19	334/21:59:58	00:14.5	
	SUN	ISDR 67	64	3	0	0		56.86	9.24		DN0066/41	1			
	PM DAILY SUN DIODE														
11G070/486 08:35:34	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-15	93.4/22.5	32/-19	335/12:55:00	00:14.5	
	SUN	ISDR 67	64	3	0	0		35.15	11.61		DN0066/42	1			
	AM DAILY SUN DIODE														
11G071/486 18:15:33	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	268.7/17.4	207/-20	335/22:34:59	00:14.5	
	SUN	ISDR 62	0	0	2	1		57.84	5.90		DN0066/43	1			
	PM DAILY SUN DIODE														
11G072/487 08:35:58	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-17	93.3/22.7	32/-19	336/13:34:59	00:14.5	
	SUN	ISDR 62	0	0	2	1		34.57	5.31		DN0066/44	1			
	AM DAILY SUN DIODE														
11G073/487 18:15:59	SINGLE	27.5/ 30.0	20	.04	4/2	1	1	REC/UH	16K	6	269.0/17.3	207/-20	336/23:15:00	00:14.5	
	SUN	ISDR 62	0	0	2	1		57.80	6.27		DN0066/45	1			
	PM DAILY SUN DIODE														
11G074/488 05:36:23	COLOR	195.0/195.0	10	.12	1/1	1	0	REC/UH	250	6	76.0/-17	14/ 19	337/11:14:59	24:11.2	R
	BLU	ISDR 33	2	33	1	1		160.26	23.57		DN0066/46	1			
	GRN	ISDR 34	2	33	0	0		157.61	22.14		DN0066/47	1			
	RED	ISDR 34	2	33	0	0		153.23	18.84		DN0066/48	1			
	AM TWILIGHT RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G075/488	06:02:28	COLOR	197.5/197.5	10	.12	1/1	1	2	REC/UH	250	-17	78.8/-11	17/ 14	337/11:41:04	24:11.2	R
		BLU	ISDR	33	2	33	1	1	83.87	53.75		DN0066/49	1			
		GRN	ISDR	34	2	33	0	0	80.93	51.38		DN0066/50	1			
		RED	ISDR	34	2	33	0	0	65.05	33.98		DN0066/51	1			
		AM TWILIGHT RESCAN														
11G076/488	06:28:33	COLOR	200.0/200.0	10	.12	1/1	1	4	REC/UH	250	-17	81.3/- 5	19/ 8	337/12:07:09	24:11.2	R
		BLU	ISDR	33	2	33	1	1	84.71	51.84		DN0066/52	1			
		GRN	ISDR	34	2	33	0	0	79.10	50.33		DN0066/53	1			
		RED	ISDR	34	2	33	0	0	64.97	43.29		DN0066/54	1			
		AM TWILIGHT RESCAN														
11G077/488	08:41:23	SINGLE	212.5/215.0	20	.04	4/2	1	2	REC/UH	16K	-12	93.6/24.1	32/-21	337/14:19:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.93	6.10		DN0067/01	1			
		AM DAILY SUN DIODE														
11G078/488	10:01:23	SINGLE	297.5/307.5	-20	.04	0/2	1	4	REC/UH	16K	-8	102.7/41.9	41/-39	337/15:39:59	00:54.5	
		BB2	ISDR	246	0	0	5	2	90.64	39.49		DN0067/02	1			
		XRFS DEEP TRENCH/STEREO														
12G079/488	10:04:23	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	-10	103.2/42.6	225/-39	337/15:42:59	00:54.5	
		BB2	ISDR	250	0	0	1	1	70.54	31.36		DN0067/03	1			
		XRFS DEEP TRENCH/STEREO														
11G080/488	14:06:18	SINGLE	202.5/210.0	-30	.04	0/2	1	4	REC/UH	16K	4	218.9/69.4	149/-70	337/19:44:55	00:41.2	
		BB2	ISDR	190	189	1	0	0	141.50	44.43		DN0067/04	1			
		HR MOSHIC														
12G081/488	14:29:54	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	6	230.3/65.6	347/-67	337/20:08:31	02:14.5	
		BLU	ISDR	207	0	0	2	1	127.97	50.43		DN0067/05	1			
		GRN	ISDR	207	0	0	2	1	133.72	49.64		DN0067/06	1			
		RED	ISDR	206	0	0	3	1	153.72	51.76		DN0067/07	1			
		MONITOR RTC'S AND GRID														
11G082/489	18:11:47	SINGLE	27.5/ 30.0	30	.04	4/2	1	2	REC/UH	16K	6	269.1/18.3	207/-21	339/00:29:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.41	3.88		DN0067/08	1			
		PM SUN DIODE														
11G083/490	07:37:13	SINGLE	205.0/207.5	20	.04	4/2	1	1	REC/UH	16K	-17	87.3/10.0	26/- 7	339/14:35:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	63.38	3.26		DN0067/09	1			
		DIURNAL SUN														
11G084/490	08:02:13	SINGLE	207.5/210.0	20	.04	4/2	1	1	REC/UH	16K	-17	89.6/15.6	28/-12	339/15:00:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	62.66	5.90		DN0067/10	1			
		DIURNAL SUN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G085/490	08:27:13	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.9/21.2	30/-18	339/15:25:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		33.50	4.79		DN0067/11	1			
		DIURNAL SUN														
11G086/490	09:37:13	SINGLE	217.5/220.0	40	.04	4/2	1	2	REC/UH	16K	-12	99.3/36.9	38/-33	339/16:35:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.35	7.03		DN0067/12	1			
		DIURNAL SUN														
11G087/490	10:22:13	SINGLE	227.5/247.5	-30	.04	0/2	1	4	REC/UH	16K	-10	105.4/46.8	44/-43	339/17:20:00	01:47.9	
		BB2	ISDR 504	501	3	0	0		99.60	36.31		DN0067/13	1			
		SURF. MON. (F/C F198/44)														
11G088/490	18:07:12	SINGLE	27.5/ 30.0	30	.04	4/2	1	2	REC/UH	16K	8	268.9/19.3	207/-22	340/01:04:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.38	3.79		DN0067/14	1			
		PM SUN DIODE														
11G089/490	18:42:12	SINGLE	30.0/ 32.5	20	.04	4/2	1	1	REC/UH	16K	6	272.1/11.4	210/-14	340/01:39:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		56.14	3.07		DN0067/15	1			
		DIURN SUN														
11G090/491	08:27:37	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-17	91.8/21.5	30/-18	340/16:05:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		33.33	5.73		DN0067/16	1			
		AM SUN DIODE														
12G091/491	09:27:02	SINGLE	52.5/ 92.5	10	.12	1/3	1	5	REC/UH	16K	-13	97.9/34.8	220/-31	340/17:04:25	01:12.3	
		BLU	ISDR 330	0	0	4	1		108.86	74.00		DN0067/17	1			
		SKY BRIGHTNESS														
12G092/491	09:29:02	SINGLE	92.5/167.5	10	.12	1/3	1	4	REC/UH	16K	-12	98.1/35.3	221/-32	340/17:06:25	02:14.5	
		BLU	ISDR 628	626	2	0	0		114.55	56.66		DN0067/18	1			
		SKY BRIGHTNESS														
11G093/491	18:07:37	SINGLE	27.5/ 30.0	30	.04	4/2	1	2	REC/UH	16K	8	269.2/19.2	207/-22	341/01:44:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		30.48	4.59		DN0067/19	1			
		PM SUN DIODE														
11G094/494	08:28:52	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-17	91.4/22.2	30/-19	343/18:05:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		33.73	5.34		DN0067/20	1			
		AM SUN DIODE														
11G095/494	17:58:51	SINGLE	27.5/ 30.0	30	.04	4/2	1	2	REC/UH	16K	6	269.0/21.1	207/-24	344/03:34:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		31.07	4.71		DN0067/21	1			
		PM SUN DIODE														
11G096/500	08:41:20	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.6/26.0	30/-23	349/22:15:00	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.31	6.56		DN0067/22	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G097/501	08:41:44	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.5/26.2	30/-23	350/22:54:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		33.73	6.75		DN0067/23	1			
		AM SUN DIODE														
11G098/502	08:47:09	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.8/27.6	30/-24	351/23:39:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.16	6.74		DN0067/24	1			
		AM SUN DIODE														
11G099/502	13:02:10	SINGLE	282.5/290.0	-30	.04	8/2	1	4	REC/UH	16K	2	173.7/76.2	101/-74	352/03:55:00	00:41.2	
		BB1	ISDR 190	189	1	0	0		136.89	30.16		DN0067/25	1			
		FOOTPAD #2														
12G100/502	13:07:10	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	2	178.7/76.3	290/-75	352/04:00:00	00:54.5	
		BB2	ISDR 253	251	2	0	0		100.04	32.08		DN0067/26	1			
		POST ACQUISITION														
11G101/502	17:42:35	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	6	269.4/24.7	207/-27	352/08:35:25	00:14.5	
		SUN	ISDR 62	0	0	2	1		31.61	5.53		DN0067/27	1			
		PM SUN DIODE														
11G102/503	00:10:05	SINGLE	240.0/330.0	-30	.04	0/2	1	4	RT/UH	16K	-10	342.5/-57	277/ 56	352/15:42:31	03:53.0	
		BB2	ISDR 773	0	0	1478	2		111.07	63.71		DN0067/28	3			
		RADIO SCIENCE														
11G103/503	08:42:35	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.2/26.7	30/-23	353/00:15:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.95	6.48		DN0067/29	1			
		AM DAILY SUN DIODE														
11G104/503	17:42:34	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.6/24.7	207/-27	353/09:15:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.70	6.00		DN0067/30	1			
		PM DAILY SUN DIODE														
11G105/505	08:48:23	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.5/28.3	30/-25	355/01:39:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.79	6.87		DN0067/31	1			
		AM DAILY SUN DIODE														
11G106/505	17:33:22	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.2/26.7	207/-29	355/10:24:58	00:14.5	
		SUN	SDR 65	64	1	0	0		31.78	6.71		DN0067/32	1			
		PM DAILY SUN DIODE														
11G107/506	08:43:48	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	90.9/27.4	29/-24	356/02:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.49	6.14		DN0067/33	1			
		AM DAILY SUN DIODE														
12G108/506	09:43:48	SINGLE	80.0/ 90.0	-30	.04	0/2	1	4	REC/UH	16K	-12	97.1/40.9	220/-37	356/03:14:59	00:54.5	
		BB2	SDR 252	251	1	0	0		81.48	29.23		DN0067/34	1			
		HR MOSAIC														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G109/506	09:45:29	SINGLE	80.0/ 90.0		-50	.04	8/2	1 4	REC/UH	16K	-10	97.3/41.3	220/-38	356/03:16:40	00:54.5	
		BB1	SDR	252	251	1	0	0	84.75	23.40		DN0067/35	1			
		HR MOSAIC														
11G110/506	11:58:29	IR	35.0/ 40.0		-10	.12	9/1	1 4	REC/UH	16K	-2	126.3/69.4	62/-66	356/05:29:40	00:27.9	
		IR3	SDR	42	0	0	1	1	118.67	37.92		DN0067/36	1			
		IR2	SDR	41	0	0	2	1	122.96	39.27		DN0067/37	1			
		IR1	SDR	41	0	0	2	1	142.67	44.10		DN0067/38	1			
		HR MOSAIC														
11G111/506	11:59:59	COLOR	35.0/ 60.0		-10	.12	1/1	1 4	REC/UH	16K	-2	127.0/69.7	63/-66	356/05:31:10	02:14.5	
		BLU	SDR	207	0	0	2	2	122.99	40.96		DN0067/39	1			
		GRN	SDR	208	0	0	1	1	151.71	44.88		DN0067/40	1			
		RED	SDR	208	0	0	1	1	170.76	48.41		DN0067/41	1			
		MON. RTC'S & GRID														
12G112/506	12:58:48	COLOR	310.0/332.5		-30	.12	1/1	1 4	REC/UH	16K	2	171.3/76.9	283/-75	356/06:29:59	02:01.2	
		BLU	SDR	186	0	0	3	2	85.15	45.84		DN0067/42	1			
		GRN	SDR	186	0	0	3	1	89.19	48.98		DN0067/43	1			
		RED	SDR	186	0	0	3	1	103.87	54.83		DN0067/44	1			
		XRFS FUNNEL, CLR														
11G113/506	13:07:59	SINGLE	227.5/237.5		-30	.04	1/2	1 4	REC/UH	16K	2	181.1/77.0	108/-76	356/06:39:10	00:54.5	
		BLU	SDR	253	251	2	0	0	83.10	17.13		DN0067/45	1			
		MON. SPONGE ROCK														
11G114/506	13:09:59	SINGLE	227.5/237.5		-30	.04	2/2	1 4	REC/UH	16K	4	183.3/77.0	109/-76	356/06:41:10	00:54.5	
		GRN	SDR	252	251	2	1	1	114.59	25.40		DN0067/46	1			
		MON. SPONGE ROCK														
11G115/506	13:11:59	SINGLE	227.5/237.5		-30	.04	3/2	1 4	REC/UH	16K	4	185.4/77.0	111/-76	356/06:43:10	00:54.5	
		RED	SDR	253	251	2	0	0	157.35	35.23		DN0067/47	1			
		MON. SPONGE ROCK														
11G116/506	13:13:59	SINGLE	227.5/237.5		-30	.04	9/2	1 4	REC/UH	16K	4	187.5/76.9	113/-76	356/06:45:10	00:54.5	
		IR3	SDR	253	251	2	0	0	111.74	24.35		DN0067/48	1			
		MON. SPONGE ROCK														
11G117/506	13:15:59	SINGLE	227.5/237.5		-30	.04	10/2	1 4	REC/UH	16K	4	189.6/76.8	116/-76	356/06:47:10	00:54.5	
		IR2	SDR	253	251	2	0	0	115.67	25.55		DN0068/01	1			
		MON. SPONGE ROCK														
11G118/506	13:17:59	SINGLE	227.5/237.5		-30	.04	11/2	1 4	REC/UH	16K	4	191.7/76.8	118/-76	356/06:49:10	00:54.5	
		IR1	SDR	253	251	2	0	0	139.92	31.22		DN0068/02	1			
		MON. SPONGE ROCK														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G119/506	16:23:49	SINGLE	160.0/202.5	-30	.04	0/2	1	4	REC/UH	16K	8	262.2/42.3	199/-45	356/09:55:00	03:47.8	
		BB2	SDR	1062	0	0	2	1	133.47	42.43		DN0068/03	2			
		HR MOSAIC														
12G120/506	16:38:00	SINGLE	155.0/195.0	10	.12	1/3	1	5	REC/UH	16K	8	263.8/39.1	25/-41	356/10:09:11	01:12.3	
		BLU	SDR	336	334	2	0	0	109.21	73.40		DN0068/04	1			
		PM SKY BRIGHTNESS														
12G121/506	16:42:00	SINGLE	15.0/155.0	10	.12	1/3	1	4	REC/UH	16K	10	264.3/38.2	26/-41	356/10:13:11	04:10.1	
		BLU	ISDR	1169	1168	1	0	0	111.88	46.71		DN0068/05	2			
		PM SKY BRIGHTNESS														
11G122/506	17:28:49	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	10	269.0/27.7	207/-30	356/11:00:00	00:14.5	
		SUN	SDR	65	64	1	0	0	31.84	6.83		DN0068/06	1			
		PM DAILY SUN DIODE														
11G123/508	08:49:38	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.1/29.0	30/-26	358/03:40:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	34.42	6.50		DN0068/07	1			
		AM DAILY SUN DIODE														
11G124/508	17:29:38	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.5/27.5	207/-30	358/12:19:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.75	6.04		DN0068/08	1			
		PM DAILY SUN DIODE														
11G125/509	08:50:02	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.0/29.3	30/-26	359/04:19:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	34.50	6.74		DN0068/09	1			
		AM DAILY SUN DIODE														
11G126/509	17:30:02	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.8/27.4	208/-30	359/12:59:58	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.82	6.75		DN0068/10	1			
		PM DAILY SUN DIODE														
12G127/510	07:59:48	SINGLE	20.0/ 37.5	-10	.04	13/2	1	3	REC/UH	16K	-17	86.3/18.1	209/-15	360/04:09:19	01:34.5	
		BB3	ISDR	440	439	1	0	0	113.65	47.30		DN0068/11	1			
		F/C012B203/118 REPR														
11G128/510	08:55:27	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	91.3/30.6	30/-27	360/05:04:59	00:14.5	
		SUN	SDR	65	64	1	0	0	34.35	6.90		DN0068/12	1			
		AM DAILY SUN DIODE														
11G129/510	17:25:27	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.6/28.4	207/-31	360/13:34:59	00:14.5	
		SUN	SDR	65	64	1	0	0	31.89	6.97		DN0068/13	1			
		PM DAILY SUN DIODE														
11G130/511	06:50:52	COLOR	240.0/242.5	10	.12	1/1	1	3	REC/UH	16K	-17	80.1/ 2.8	18/-	361/03:39:59	00:14.5	
		BLU	SDR	21	0	0	1	1	121.09	77.09		DN0068/14	1			
		GRN	SDR	21	0	0	1	1	114.77	77.13		DN0068/15	1			
		RED	SDR	20	0	0	2	1	112.45	64.14		DN0068/16	1			
		COLOR STUDY														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G131/511 06:51:52	IR	240.0/242.5	10	.12	9/1	1	3	REC/UH	16K	-17	80.2/ 3.1	18/-	361/03:40:59	00:14.5	
	IR3 SDR	20	0	0	2	2		77.51	40.62		DN0068/17	1			
	IR2 SDR	20	0	0	2	2		80.82	42.42		DN0068/18	1			
	IR1 SDR	20	0	0	2	1		90.65	49.15		DN0068/19	1			
	COLOR STUDY														
11G132/511 06:58:29	SINGLE	170.0/172.5	0		8/4	2	2	REC/UH	16K	-17	80.8/ 4.5	19/- 1	361/03:47:36	00:18.0	
	CAL SDR	26	0	0	0	0		.00	.00		DN0068/20	1			
	INT'L. CAL. TEST														
11G133/511 06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	80.9/ 4.9	19/- 2	361/03:49:06	00:10.1	
	BB1 SDR	44	43	1	0	0		106.12	50.49		DN0068/21	1			
	S.V.&CAL - CAM 1														
11G134/511 07:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	80.9/ 4.9	19/- 2	361/03:49:16	00:18.0	
	CAL SDR	84	0	0	0	0		.00	.00		DN0068/22	1			
	CALIBRATION FRAME														
11G135/511 07:01:29	SINGLE	170.0/172.5	0		9/4	2	2	REC/UH	16K	-17	81.0/ 5.2	19/- 2	361/03:50:36	00:18.0	
	CAL SDR	26	0	0	0	0		.00	.00		DN0068/23	1			
	INT'L. CAL. TEST														
12G136/511 07:30:52	SINGLE	25.0/ 27.5	10	.04	4/2	1	1	REC/UH	16K	-17	83.6/11.8	206/- 9	361/04:19:59	00:14.5	
	SUN ISDR	65	64	1	0	0		58.78	3.59		DN0068/24	1			
	DIURNAL SUN DIODE														
11G137/511 07:35:52	COLOR	242.5/245.0	10	.12	1/1	1	4	REC/UH	16K	-17	84.1/12.9	22/-10	361/04:24:59	00:14.5	
	BLU SDR	21	0	0	1	1		140.50	74.92		DN0068/25	1			
	GRN SDR	20	0	0	2	2		118.63	78.60		DN0068/26	1			
	RED SDR	20	0	0	2	1		129.26	76.49		DN0068/27	1			
	COLOR STUDY														
11G138/511 07:36:52	IR	242.5/245.0	10	.12	9/1	1	4	REC/UH	16K	-17	84.1/13.1	23/-10	361/04:25:59	00:14.5	
	IR3 SDR	21	0	0	1	1		98.23	47.70		DN0068/28	1			
	IR2 SDR	21	0	0	1	1		103.40	51.37		DN0068/29	1			
	IR1 SDR	20	0	0	2	1		112.80	61.63		DN0068/30	1			
	COLOR STUDY														
11G139/511 08:00:52	SINGLE	205.0/207.5	20	.04	4/2	1	2	REC/UH	16K	-15	86.2/18.5	25/-15	361/04:49:59	00:14.5	
	SUN SDR	65	64	1	0	0		33.85	4.18		DN0068/31	1			
	DIURNAL SUN DIODE														
11G140/511 08:40:52	COLOR	250.0/252.5	10	.12	1/1	1	5	REC/UH	16K	-15	89.8/27.5	28/-24	361/05:29:59	00:14.5	
	BLU SDR	20	0	0	2	1		125.57	50.60		DN0068/32	1			
	GRN SDR	20	0	0	2	1		124.07	56.76		DN0068/33	1			
	RED SDR	20	0	0	2	1		99.19	44.04		DN0068/34	1			
	COLOR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G141/511	08:41:52	IR	250.0/252.5	10	.12	9/1	1	5	REC/UH	16K	-15	89.9/27.7	28/-24	361/05:30:59	00:14.5	
		IR3	SDR 20	0	0	2	2		71.46	26.19		DN0068/35	1			
		IR2	SDR 20	0	0	2	2		75.69	28.29		DN0068/36	1			
		IR1	SDR 19	0	0	3	2		84.02	34.30		DN0068/37	1			
		COLOR STUDY														
11G142/511	08:55:52	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-13	91.2/30.9	30/-28	361/05:44:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.88	6.88		DN0068/38	1			
		AM DAILY SUN DIODE														
11G143/511	09:20:52	SINGLE	212.5/215.0	40	.04	4/2	1	2	REC/UH	16K	-12	93.6/36.5	32/-33	361/06:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.71	7.27		DN0068/39	1			
		DIURNAL SUN DIODE														
11G144/511	09:45:52	COLOR	255.0/257.5	10	.12	1/1	5	5	REC/UH	16K	-10	96.4/42.1	35/-39	361/06:34:59	00:14.5	
		BLU	SDR 21	0	0	1	1		122.36	9.20		DN0068/40	1			
		GRN	SDR 20	0	0	2	2		120.45	32.51		DN0068/41	1			
		RED	SDR 19	0	0	3	1		88.86	29.72		DN0068/42	1			
		COLOR STUDY														
11G145/511	09:46:52	IR	255.0/257.5	10	.12	9/1	1	5	REC/UH	16K	-10	96.5/42.3	35/-39	361/06:35:59	00:14.5	
		IR3	ISDR 22	0	0	0	0		78.26	27.86		DN0068/43	1			
		IR2	ISDR 21	0	0	1	1		81.31	27.74		DN0068/44	1			
		IR1	ISDR 21	0	0	1	1		92.86	33.56		DN0068/45	1			
		COLOR STUDY														
11G146/511	09:50:52	SINGLE	215.0/217.5	40	.04	4/2	1	2	REC/UH	16K	-8	96.9/43.2	35/-40	361/06:39:59	00:14.5	
		SUN	ISDR 65	64	1	0	0		33.40	6.75		DN0068/46	1			
		DIURNAL SUN														
11G147/511	10:55:52	COLOR	265.0/267.5	10	.12	1/1	5	5	REC/UH	16K	-6	106.6/57.6	45/-54	361/07:44:59	00:14.5	
		BLU	SDR 21	0	0	1	1		96.96	16.39		DN0068/47	1			
		GRN	SDR 21	0	0	1	1		93.35	32.45		DN0068/48	1			
		RED	SDR 20	0	0	2	1		75.98	22.42		DN0068/49	1			
		COLOR STUDY														
11G148/511	10:56:52	IR	265.0/267.5	10	.12	9/1	1	5	REC/UH	16K	-6	106.8/57.8	45/-54	361/07:45:59	00:14.5	
		IR3	SDR 21	0	0	1	1		71.64	19.04		DN0068/50	1			
		IR2	SDR 21	0	0	1	1		75.53	20.48		DN0068/51	1			
		IR1	SDR 20	0	0	2	1		86.61	22.98		DN0068/52	1			
		COLOR STUDY														
12G149/511	12:58:29	SINGLE	170.0/172.5	0		8/4	2	2	REC/UH	16K	2	172.5/77.9	283/-76	361/09:47:36	00:18.0	
		CAL	SDR 26	0	0	0	0		.00	.00		DN0068/53	1			
		INT'L. CAL. TEST														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS				
12G150/511 12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	2	174.2/77.9	285/-76	361/09:49:06	00:10.1	
	BB1	SDR 44	43	1	0	0		47.83	23.47	DN0068/54	1				
	S.V.&CAL - CAM 2														
12G151/511 13:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	174.4/77.9	285/-76	361/09:49:16	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00	DN0069/01	1				
	CALIBRATION FRAME														
12G152/511 13:01:29	SINGLE	170.0/172.5	0		9/4	2	2	REC/UH	16K	4	175.9/77.9	286/-76	361/09:50:36	00:18.0	
	CAL	SDR 26	0	0	0	0		.00	.00	DN0069/02	1				
	INT'L. CAL. TEST														
11G153/511 14:40:53	COLOR	40.0/ 42.5	10	.12	1/1	5	5	REC/UH	16K	6	245.5/64.6	179/-66	361/11:30:00	00:14.5	
	BLU	ISDR 19	0	0	3	2		73.55	21.55	DN0069/03	1				
	GRN	ISDR 20	0	0	2	1		80.06	26.54	DN0069/04	1				
	RED	ISDR 19	0	0	3	1		71.52	19.78	DN0069/05	1				
	COLOR STUDY														
11G154/511 14:41:53	IR	40.0/ 42.5	10	.12	9/1	1	5	REC/UH	16K	6	245.8/64.4	180/-66	361/11:31:00	00:14.5	
	IR3	SDR 21	0	0	1	1		71.34	19.80	DN0069/06	1				
	IR2	SDR 21	0	0	1	1		74.52	21.05	DN0069/07	1				
	IR1	SDR 20	0	0	2	1		83.56	24.57	DN0069/08	1				
	COLOR STUDY														
11G155/511 16:15:53	COLOR	340.0/342.5	10	.12	1/1	5	5	REC/UH	16K	8	262.6/44.0	200/-46	361/13:05:00	00:14.5	
	BLU	SDR 20	0	0	2	1		112.12	8.27	DN0069/09	1				
	GRN	SDR 21	0	0	1	1		113.73	29.12	DN0069/10	1				
	RED	SDR 19	0	0	3	1		85.60	27.51	DN0069/11	1				
	COLOR STUDY														
11G156/511 16:16:53	IR	340.0/342.5	10	.12	9/1	1	5	REC/UH	16K	8	262.7/43.8	200/-46	361/13:06:00	00:14.5	
	IR3	SDR 13	0	0	9	1		80.73	27.10	DN0069/12	1				
	IR2	SDR 13	0	0	9	1		84.92	28.89	DN0069/13	1				
	IR1	SDR 12	0	0	10	1		92.83	31.53	DN0069/14	1				
	COLOR STUDY														
11G157/511 17:20:53	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.4/29.4	207/-32	361/14:10:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.89	7.06	DN0069/15	1				
	PM DAILY SUN DIODE														
12G158/511 18:15:53	COLOR	175.0/177.5	10	.12	1/1	1	5	REC/UH	16K	6	274.3/17.0	36/-19	361/15:05:00	00:14.5	
	BLU	SDR 23	23	1	0	0		125.11	50.56	DN0069/16	1				
	GRN	SDR 22	23	1	1	1		107.52	46.24	DN0069/17	1				
	RED	SDR 22	23	1	1	1		83.13	41.32	DN0069/18	1				
	COLOR STUDY														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G159/511	18:16:53	IR	175.0/177.5	10	.12	9/1	1	4	REC/UH	16K	8	274.4/16.8	36/-19	361/15:06:00	00:14.5	
		IR3	SDR 21	0	0	1	1		93.47	58.52		DN0069/19	1			
		IR2	SDR 21	0	0	1	1		94.71	59.27		DN0069/20	1			
		IR1	SDR 20	0	0	2	1		104.19	66.42		DN0069/21	1			
		COLOR STUDY														
11G160/511	18:35:53	SINGLE	35.0/ 37.5	20	.04	4/2	1	1	REC/UH	16K	6	276.1/12.5	214/-15	361/15:25:00	00:14.5	
		SUN	SDR 64	64	1	1	1		56.71	3.78		DN0069/22	1			
		DIURNAL SUN DIODE														
11G161/513	08:56:41	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-15	90.9/31.3	30/-28	363/07:04:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.40	6.97		DN0069/23	1			
		AM DAILY SUN DIODE														
11G162/513	09:50:59	SINGLE	140.0/220.0	-10	.04	13/2	1	4	REC/UH	16K	-12	96.6/43.6	35/-40	363/07:59:17	07:07.8	
		BB3	ISDR 1999	0	0	2	1		135.25	51.93		DN0069/24	3			
		HR MOSAIC														
11G163/513	10:09:59	SINGLE	240.0/272.5	-30	.04	0/2	1	4	REC/UH	16K	-8	98.9/47.8	37/-44	363/08:18:17	02:54.5	
		BB2	ISDR 817	814	3	0	0		104.26	31.89		DN0069/25	1			
		HR MOSAIC														
11G164/513	17:16:41	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.5/30.3	207/-33	363/15:24:58	00:14.5	
		SUN	SDR 65	64	1	0	0		31.92	6.86		DN0069/26	1			
		PM DAILY SUN DIODE														
11G165/515	09:02:31	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-13	91.2/33.0	30/-30	365/08:29:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.85	6.72		DN0069/27	1			
		SUN GAIN														
11G166/515	17:12:32	SINGLE	27.5/ 30.0	40	.04	4/2	1	2	REC/UH	16K	8	269.6/31.2	207/-34	365/16:40:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.88	6.99		DN0069/28	1			
		PM DAILY SUN DIODE														
11G167/516	09:02:56	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-13	91.0/33.2	30/-30	001/09:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.40	6.82		DN0069/29	1			
		AM DAILY SUN DIODE														
11G168/518	09:03:46	SINGLE	210.0/212.5	30	.04	4/2	1	2	REC/UH	16K	-13	90.8/33.7	29/-30	003/10:30:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.54	6.05		DN0069/30	1			
		AM DAILY SUN DIODE														
11G169/518	17:58:45	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.3/20.7	212/-23	003/19:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		30.06	3.85		DN0069/31	1			
		PM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
12G170/520	07:39:59	SINGLE	15.0/ 22.5	-20	.04	8/2	1	4	REC/UH	16K	-17	83.1/15.1	206/-12	005/10:25:23	00:41.2	
		BB1	SDR 190	189	1	0	0		40.53	17.52		DN0069/32	1			
		PRIOR MAG. CLEAN														
12G171/520	08:39:59	SINGLE	15.0/ 22.5	-20	.04	8/2	1	4	REC/UH	16K	-15	88.3/28.6	211/-25	005/11:25:23	00:41.2	
		BB1	SDR 190	189	1	0	0		67.77	35.24		DN0069/33	1			
		POST MAG. CLEAN														
11G172/520	09:39:35	SINGLE	220.0/227.5	-30	.04	0/2	1	4	REC/UH	16K	-12	94.0/42.0	33/-39	005/12:24:59	00:41.2	
		BB2	SDR 190	189	1	0	0		81.57	40.34		DN0069/34	1			
		B/H T.D./SANDY FLTS														
11G173/520	10:09:35	SINGLE	272.5/280.0	-30	.04	8/2	1	4	REC/UH	16K	-10	97.4/48.7	36/-45	005/12:54:59	00:41.2	
		BB1	SDR 186	0	0	3	1		97.93	35.70		DN0069/35	1			
		BACKHOE MAGNET														
11G174/520	12:59:35	SINGLE	282.5/290.0	-30	.04	8/2	1	3	REC/UH	16K	2	177.2/79.6	101/-78	005/15:44:59	00:41.2	
		BB1	SDR 190	189	1	0	0		128.03	48.76		DN0069/36	1			
		MON. FOOTPAD #2														
11G175/521	08:19:58	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-17	86.4/24.2	25/-21	006/11:44:58	00:14.5	
		SUN	SDR 65	64	1	0	0		34.24	6.15		DN0069/37	1			
		AM DAILY SUN DIODE														
11G176/521	17:44:59	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	273.8/23.7	212/-26	006/21:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.27	5.82		DN0069/38	1			
		PM DAILY SUN DIODE														
11G177/523	08:30:49	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-15	87.0/27.0	26/-24	008/13:15:00	00:14.5	
		SUN	SDR 65	64	1	0	0		34.01	5.15		DN0069/39	1			
		AM DAILY SUN DIODE														
11G178/523	17:40:49	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	273.9/24.6	212/-27	008/22:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.42	6.04		DN0069/40	1			
		PM DAILY SUN DIODE														
11G179/525	06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	79.0/ 6.9	17/- 4	010/13:03:19	00:10.1	
		BB1	ISDR 44	43	1	0	0		105.60	50.16		DN0069/41	1			
		S.V.&CAL-CAM 1														
11G180/525	07:00:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	79.1/ 7.0	17/- 4	010/13:03:29	00:18.0	
		CAL	ISDR 84	0	0	0	0		.00	.00		DN0069/42	1			
		CALIBRATION FRAME														
11G181/525	08:21:37	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-15	85.9/25.2	25/-22	010/14:24:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.60	6.20		DN0069/43	1			
		AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G182/525	12:59:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	4	180.2/80.4	287/-79	010/19:03:19	00:10.1	
		BB1	ISDR	44	43	1	0	0	48.50	24.00		DN0069/44	1			
		S.V.&CAL-CAM 2														
12G183/525	13:00:08	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	4	180.5/80.4	287/-79	010/19:03:29	00:18.0	
		CAL	ISDR	84	0	0	0	0	.00	.00		DN0069/45	1			
		CALIBRATION FRAME														
11G184/525	17:36:38	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	273.9/25.5	212/-28	010/23:39:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.20	6.11		DN0069/46	1			
		PM DAILY SUN DIODE														
11G185/526	05:17:03	COLOR	190.0/190.0	10	.12	1/1	1	1	REC/UH	250	8	68.9/-15	7/ 17	011/11:59:59	24:11.2	R
		BLU	ISDR	33	2	33	1	1	95.03	34.77		DN0069/47	1			
		GRN	ISDR	34	2	33	0	0	93.56	32.84		DN0069/48	1			
		RED	ISDR	34	2	33	0	0	85.90	22.38		DN0069/49	1			
		AM TWILIGHT RESCAN														
11G186/526	05:43:08	COLOR	190.0/190.0	10	.12	1/1	1	2	REC/UH	250	-17	71.7/- 9	10/ 12	011/12:26:04	24:11.2	R
		BLU	ISDR	34	2	33	0	0	89.09	58.89		DN0069/50	1			
		GRN	ISDR	34	2	33	0	0	88.35	57.98		DN0069/51	1			
		RED	ISDR	34	2	33	0	0	84.18	53.23		DN0069/52	1			
		AM TWILIGHT RESCAN														
11G187/526	06:09:13	COLOR	192.5/192.5	10	.12	1/1	1	4	REC/UH	250	-15	74.3/- 3	12/ 6	011/12:52:09	24:11.2	R
		BLU	ISDR	33	2	33	1	1	110.04	57.62		DN0069/53	1			
		GRN	ISDR	34	2	33	0	0	109.54	58.46		DN0069/54	1			
		RED	ISDR	34	2	33	0	0	102.86	60.89		DN0069/55	1			
		AM TWILIGHT RESCAN														
11G188/526	07:02:03	SINGLE	197.5/200.0	20	.04	4/2	1	1	REC/UH	16K	-13	79.1/ 7.5	17/- 4	011/13:44:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	59.22	1.72		DN0070/01	1			
		DIURNAL SUN DIODE														
11G189/526	08:27:03	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-12	86.2/26.5	25/-23	011/15:09:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.83	6.14		DN0070/02	1			
		AM DAILY SUN DIODE														
11G190/526	17:37:04	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.2/25.3	212/-28	012/00:20:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.21	6.60		DN0070/03	1			
		PM DAILY SUN DIODE														
11G191/526	19:27:03	COLOR	42.5/ 42.5	10	.12	1/1	1	4	REC/UH	250	8	283.6/ .9	222/- 3	012/02:09:59	24:11.2	R
		BLU	ISDR	33	2	33	1	1	119.72	54.43		DN0070/04	1			
		GRN	ISDR	34	2	33	0	0	114.46	54.38		DN0070/05	1			
		RED	ISDR	34	2	33	0	0	95.49	53.55		DN0070/06	1			
		PM TWILIGHT RESCAN														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G192/526 19:53:08	COLOR	45.0/ 45.0	10	.12	1/1	1	2	REC/UH	250	4	286.0/- 4	224/ 1	012/02:36:04	24:11.2	R
	BLU	ISDR 34	2	33	0	0		69.06	50.30		DN0070/07	1			
	GRN	ISDR 34	2	33	0	0		66.46	47.51		DN0070/08	1			
	RED	ISDR 34	2	33	0	0		59.07	39.82		DN0070/09	1			
	PM TWILIGHT RESCAN														
11G193/526 20:19:13	COLOR	50.0/ 50.0	10	.12	1/1	1	1	REC/UH	250	2	288.7/-10	227/ 7	012/03:02:09	24:11.2	R
	BLU	ISDR 33	2	33	1	1		70.33	12.73		DN0070/10	1			
	GRN	ISDR 34	2	33	0	0		68.42	9.33		DN0070/11	1			
	RED	ISDR 34	2	33	0	0		65.84	5.08		DN0070/12	1			
	PM TWILIGHT RESCAN														
12G194/527 08:27:29	SINGLE	117.5/125.0	-30	.04	0/2	1	4	REC/UH	16K	-15	86.1/26.8	209/-23	012/15:50:00	00:41.2	
	BB2	ISDR 187	0	0	2	1		62.74	25.74		DN0070/13	1			
	B/H T.D./BASHFUL														
11G195/527 08:32:29	SINGLE	205.0/207.5	30	.04	4/2	1	2	REC/UH	16K	-15	86.6/27.9	25/-25	012/15:55:00	00:14.5	
	SUN	ISDR 67	64	3	0	0		34.69	12.21		DN0070/14	1			
	AM DAILY SUN DIODE														
12G196/527 10:09:59	SINGLE	30.0/ 37.5	-20	.04	13/2	1	4	REC/UH	16K	-8	96.1/49.8	219/-46	012/17:32:31	00:41.2	
	BB3	ISDR 192	189	3	0	0		110.78	47.07		DN0070/15	1			
	HR MOSAIC														
12G197/527 14:42:28	COLOR	285.0/295.0	-10	.12	1/1	1	3	REC/UH	16K	8	253.3/64.3	12/-66	012/22:04:59	00:54.5	
	BLU	ISDR 84	0	0	0	0		149.07	60.71		DN0070/16	1			
	GRN	ISDR 83	0	0	1	1		142.67	57.02		DN0070/17	1			
	RED	ISDR 83	0	0	1	1		146.46	52.19		DN0070/18	1			
	RTC & B/H MAPPING														
12G198/527 14:44:28	IR	285.0/295.0	-10	.12	9/1	1	3	REC/UH	16K	8	253.7/63.9	12/-66	012/22:06:59	00:54.5	
	IR3	ISDR 84	0	0	0	0		150.68	58.36		DN0070/19	1			
	IR2	ISDR 83	0	0	1	1		150.00	58.50		DN0070/20	1			
	IR1	ISDR 83	0	0	1	1		147.14	55.57		DN0070/21	1			
	RTC & B/H MAPPING														
12G199/527 14:46:28	COLOR	285.0/295.0	-10	.12	1/1	1	4	REC/UH	16K	8	254.1/63.5	13/-66	012/22:08:59	00:54.5	
	BLU	ISDR 84	0	0	0	0		119.35	57.60		DN0070/22	1			
	GRN	ISDR 83	0	0	1	1		120.71	55.39		DN0070/23	1			
	RED	ISDR 83	0	0	1	1		133.54	55.22		DN0070/24	1			
	RTC & B/H MAPPING														
12G200/527 14:48:28	IR	285.0/295.0	-10	.12	9/1	1	4	REC/UH	16K	8	254.6/63.0	13/-65	012/22:10:59	00:54.5	
	IR3	ISDR 84	0	0	0	0		95.83	37.93		DN0070/25	1			
	IR2	ISDR 83	0	0	1	1		95.19	37.88		DN0070/26	1			
	IR1	ISDR 83	0	0	1	1		112.29	45.84		DN0070/27	1			
	RTC & B/H MAPPING														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
11G201/527	15:27:28	SINGLE	265.0/272.5	-20	.04	0/2	1	4	REC/UH	16K	6	261.2/54.4	198/-57	012/22:49:59	00:41.2	
		BB2	ISDR 186	0	0	3	2		132.68	42.70		DN0070/28	1			
		BACKHOE TOUCHDOWN														
11G202/527	17:37:28	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.4/25.2	212/-28	013/00:59:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		30.97	6.86		DN0070/29	1			
		PM DAILY SUN DIODE														
11G203/528	08:02:53	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-17	83.9/21.4	23/-18	013/16:05:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.50	2.19		DN0070/30	1			
		AM DAILY SUN DIODE														
12G204/528	08:17:28	SINGLE	115.0/125.0	-40	.04	8/2	1	3	REC/UH	16K	-15	85.1/24.6	208/-21	013/16:19:35	00:54.5	
		BB1	SDR 252	251	1	0	0		93.56	43.57		DN0070/31	1			
		TDE MAPPING														
12G205/528	08:22:28	SINGLE	115.0/125.0	-40	.04	8/2	1	2	REC/UH	16K	-15	85.6/25.8	208/-22	013/16:24:35	00:54.5	
		BB1	SDR 252	251	1	0	0		141.63	56.33		DN0070/32	1			
		TDE MAPPING														
11G206/530	08:03:42	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.7/21.8	22/-19	015/17:24:59	00:14.5	
		SUN	SDR 65	64	1	0	0		33.84	3.74		DN0070/33	1			
		AM DAILY SUN DIODE														
11G207/530	17:28:43	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.3/27.1	212/-30	016/02:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		30.72	6.06		DN0070/34	1			
		PM DAILY SUN DIODE														
11G208/532	08:09:32	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.9/23.4	23/-20	017/18:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		33.52	5.11		DN0070/35	1			
		AM DAILY SUN DIODE														
11G209/532	17:29:32	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.8/26.9	213/-29	018/04:09:59	00:14.5	
		SUN	SDR 65	64	1	0	0		30.98	6.12		DN0070/36	1			
		PM DAILY SUN DIODE														
11G210/533	08:48:50	SINGLE	250.0/260.0	-30	.04	0/2	1	4	RT/SB	250	-15	87.0/32.4	26/-29	018/20:08:52	47:00.0	
		BB2	SDR 201	0	0	50	3		85.15	27.58		DN0070/37	1			
		MADRID DEMO.														
12G211/534	09:08:50	SINGLE	97.5/107.5	0	.04	5/2	1	3	RT/SB	250	-13	88.6/37.0	211/-34	019/21:08:28	47:00.0	
		BB4	ISDR 189	0	0	62	2		162.45	55.33		DN0070/38	1			
		MADRID DEMO.														
11G212/535	08:10:46	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-17	83.6/24.1	22/-21	020/20:49:59	00:14.5	
		SUN	SDR 65	64	1	0	0		34.27	5.54		DN0070/39	1			
		AM DAILY SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G213/535 09:00:46	SINGLE	42.5/ 82.5	10	.12	1/3	1	5	REC/UH	16K	-13	87.7/35.3	211/-32	020/21:39:59	01:12.3	
	BLU	SDR 336	334	2	0	0		111.06	73.91		DN0070/40	1			
	AM SKY BRIGHTNESS														
12G214/535 09:02:59	SINGLE	82.5/222.5	10	.12	1/3	1	4	REC/UH	16K	-12	87.9/35.8	211/-33	020/21:42:12	04:10.1	
	BLU	SDR 1168	1168	1	1	1		111.93	48.13		DN0070/41	2			
	AM SKY BRIGHTNESS														
11G215/535 17:20:46	SINGLE	32.5/ 35.0	30	.04	4/2	1	2	REC/UH	16K	8	274.7/28.7	213/-31	021/06:00:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.04	6.78		DN0070/42	1			
	PM DAILY SUN DIODE														
11G216/537 08:16:35	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.8/25.7	22/-22	022/22:14:59	00:14.5	
	SUN	SDR 62	0	0	2	1		33.97	6.40		DN0070/43	1			
	AM DAILY SUN DIODE														
11G217/539 08:17:25	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.6/26.1	22/-23	024/23:34:59	00:14.5	
	SUN	SDR 65	64	1	0	0		34.29	6.83		DN0070/44	1			
	AM DAILY SUN DIODE														
11G218/539 18:02:25	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.8/19.3	217/-22	025/09:20:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.35	4.79		DN0070/45	1			
	PM DAILY SUN DIODE														
11G219/540 08:22:50	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.9/27.4	23/-24	026/00:20:00	00:14.5	
	SUN	SDR 64	64	1	1	1		34.16	5.88		DN0070/46	1			
	AM DAILY SUN DIODE														
11G220/540 16:12:50	SINGLE	202.5/212.5	-30	.04	0/2	1	4	REC/UH	16K	8	270.0/43.8	207/-46	026/08:10:00	00:54.5	
	BB2	SDR 252	251	1	0	0		138.07	35.31		DN0070/47	1			
	HR MOSAIC														
11G221/542 07:18:40	SINGLE	197.5/200.0	20	.04	4/2	1	1	REC/UH	16K	-17	78.5/13.4	17/-10	028/00:35:00	00:14.5	
	SUN	SDR 65	64	1	0	0		63.46	6.02		DN0070/48	1			
	DIURNAL SUN DIODE														
12G222/542 07:48:40	SINGLE	22.5/ 25.0	20	.04	4/2	1	2	REC/UH	16K	-17	80.9/20.1	203/-17	028/01:05:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.27	4.75		DN0070/49	1			
	DIURNAL SUN DIODE														
11G223/542 08:23:40	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.7/27.9	22/-25	028/01:40:00	00:14.5	
	SUN	SDR 65	64	1	0	0		34.38	6.75		DN0070/50	1			
	AM DAILY SUN DIODE														
11G224/542 09:03:40	SINGLE	205.0/207.5	40	.04	4/2	1	2	REC/UH	16K	-13	86.9/36.9	26/-34	028/02:19:59	00:14.5	
	SUN	SDR 65	64	1	0	0		34.90	6.59		DN0070/51	1			
	DIURNAL SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G225/542	09:30:39	SINGLE	117.5/125.0	-30	.04	0/2	1	4	REC/UH	16K	-10	89.2/42.9	212/-40	028/02:46:59	00:41.2	
		BB2	SDR	190	189	1	0	0	86.00	31.62		DN0070/52	1			
		MONITOR BASHFUL														
11G226/542	09:33:39	SINGLE	210.0/275.0	-50	.04	8/2	1	4	REC/UH	16K	-12	89.5/43.6	28/-40	028/02:49:59	05:47.8	
		BB1	SDR	1626	1626	1	1		91.45	31.44		DN0070/53	2			
		HR MOSAIC														
11G227/542	12:00:39	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	0	116.7/76.0	53/-73	028/05:16:59	02:14.5	
		BLU	SDR	207	0	0	2	2	114.70	37.84		DN0071/01	1			
		GRN	SDR	205	0	0	4	3	142.81	43.71		DN0071/02	1			
		RED	SDR	207	0	0	2	1	162.52	48.55		DN0071/03	1			
		MON. RTC'S & GRID														
11G228/542	12:03:59	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	0	118.5/76.7	54/-73	028/05:20:19	00:27.9	
		IR3	SDR	42	0	0	1	1	113.00	37.20		DN0071/04	1			
		IR2	SDR	42	0	0	1	1	117.57	39.24		DN0071/05	1			
		IR1	SDR	41	0	0	2	1	136.00	44.51		DN0071/06	1			
		RTC #1, IR														
12G229/542	14:43:39	COLOR	137.5/167.5	-30	.12	1/1	1	4	REC/UH	16K	8	259.8/63.8	19/-66	028/07:59:59	02:41.2	
		BLU	SDR	249	0	0	2	2	80.30	29.73		DN0071/07	1			
		GRN	SDR	250	0	0	1	1	89.43	33.48		DN0071/08	1			
		RED	SDR	250	0	0	1	1	115.85	42.55		DN0071/09	1			
		MON. FOOTPAD #3														
12G230/542	14:48:39	IR	137.5/167.5	-30	.12	9/1	1	4	REC/UH	16K	8	260.6/62.7	20/-65	028/08:04:59	02:41.2	
		IR3	SDR	250	0	0	1	1	82.52	29.31		DN0071/10	1			
		IR2	SDR	250	0	0	1	1	81.63	29.37		DN0071/11	1			
		IR1	SDR	250	0	0	1	1	98.14	35.81		DN0071/12	1			
		MON. FOOTPAD #3														
12G231/542	14:53:39	COLOR	155.0/165.0	-30	.12	1/1	1	4	REC/UH	16K	8	261.4/61.5	21/-64	028/08:09:59	00:54.5	
		BLU	SDR	84	0	0	0	0	70.72	30.44		DN0071/13	1			
		GRN	SDR	83	0	0	1	1	78.22	34.10		DN0071/14	1			
		RED	SDR	83	0	0	1	1	101.22	43.75		DN0071/15	1			
		MON.XRFS DURICRUST														
12G232/542	14:55:39	IR	155.0/165.0	-30	.12	9/1	1	4	REC/UH	16K	10	261.7/61.1	21/-63	028/08:11:59	00:54.5	
		IR3	SDR	84	0	0	0	0	73.68	29.87		DN0071/16	1			
		IR2	SDR	83	0	0	1	1	72.75	29.79		DN0071/17	1			
		IR1	SDR	83	0	0	1	1	86.79	36.60		DN0071/18	1			
		MON.XRFS DURICRUST														
12G233/542	14:58:39	COLOR	117.5/125.0	-30	.12	1/1	1	4	REC/UH	16K	10	262.2/60.4	22/-63	028/08:14:59	00:41.2	
		BLU	SDR	62	0	0	2	1	83.78	26.83		DN0071/19	1			
		GRN	SDR	62	0	0	2	1	94.03	29.10		DN0071/20	1			
		RED	SDR	61	0	0	3	1	121.48	36.71		DN0071/21	1			
		BASHFUL/POST ACQ.														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVG DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12G234/542 15:01:39	IR	117.5/125.0	-30	.12	9/1	1	4	REC/UH	16K	10	262.6/59.8	23/-62	028/08:17:59	00:41.2	
	IR3 SDR	62	0	0	2	1		87.58	24.54		DN0071/22	1			
	IR2 SDR	62	0	0	2	1		86.49	24.61		DN0071/23	1			
	IR1 SDR	61	0	0	3	1		103.96	30.42		DN0071/24	1			
	BASHFUL/POST ACQ.														
11G235/542 16:58:39	SINGLE	32.5/ 35.0	40	.04	4/2	1	2	REC/UH	16K	8	274.3/33.5	212/-36	028/10:14:59	00:14.5	
	SUN SDR	62	0	0	2	1		32.03	6.97		DN0071/25	1			
	DIURNAL SUN DIODE														
11G236/542 17:48:39	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.3/22.3	216/-25	028/11:04:59	00:14.5	
	SUN SDR	59	0	0	5	1		32.38	12.36		DN0071/26	1			
	PM DAILY SUN DIODE														
11G237/543 08:24:04	SINGLE	202.5/205.0	30	.04	4/2	1	2	REC/UH	16K	-15	83.5/28.1	22/-25	029/02:19:59	00:14.5	
	SUN SDR	65	64	1	0	0		34.87	6.75		DN0071/27	1			
	AM DAILY SUN DIODE														
11G238/544 06:59:29	SINGLE	195.0/197.5	20	.04	4/2	1	1	REC/UH	16K	-19	76.7/ 9.5	15/- 6	030/01:34:59	00:14.5	
	SUN SDR	65	64	1	0	0		65.62	5.39		DN0071/28	1			
	AM DAILY SUN DIODE														
11G239/544 17:44:29	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.3/23.1	216/-26	030/12:20:00	00:14.5	
	SUN SDR	65	64	1	0	0		31.28	7.14		DN0071/29	1			
	PM DAILY SUN DIODE														
11G240/546 07:00:19	SINGLE	195.0/197.5	20	.04	4/2	1	1	REC/UH	16K	-17	76.5/ 9.9	15/- 7	032/02:55:00	00:14.5	
	SUN SDR	65	64	1	0	0		63.16	5.19		DN0071/30	1			
	AM DAILY SUN DIODE														
12G241/546 16:10:18	SINGLE	150.0/165.0	-30	.04	0/2	1	4	REC/UH	16K	8	271.1/44.2	33/-47	032/12:04:59	01:21.2	
	BB2 SDR	377	376	1	0	0		72.05	30.17		DN0071/31	1			
	HR MOSAIC														
11G242/546 17:40:18	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.4/24.0	216/-27	032/13:34:59	00:14.5	
	SUN SDR	61	0	0	3	2		31.48	6.84		DN0071/32	1			
	PM DAILY SUN DIODE														
11G243/547 07:54:50	SINGLE	250.0/260.0	-30	.04	0/2	1	3	RT/SB	250	-17	80.7/22.1	19/-19	033/04:29:06	47:00.0	
	BB2 SDR	202	0	0	49	2		124.76	48.37		DN0071/33	1			
	DCS DEMO.														
11G244/548 07:06:08	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	-19	76.8/11.4	15/- 8	034/04:19:59	00:14.5	
	SUN SDR	65	64	1	0	0		33.67	2.79		DN0071/34	1			
	AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11G245/548	17:36:08	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.4/24.9	216/-27	034/14:50:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.40	6.77		DN0071/35	1			
		PM DAILY SUN DIODE														
11G246/550	07:01:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-19	76.2/10.8	15/- 8	036/05:35:00	00:10.1	
		BB1	SDR 44	43	1	0	0		99.36	52.63		DN0071/36	1			
		SCAN VER&CAL-CAM 1														
11G247/550	07:02:08	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	76.2/10.8	15/- 8	036/05:35:10	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0071/37	1			
		CALIBRATION FRAME														
12G248/550	09:11:09	SINGLE	117.5/127.5	-40	.04	8/2	1	4	REC/UH	16K	-12	86.2/39.5	209/-36	036/07:44:11	00:54.5	
		BB1	SDR 254	251	3	0	0		70.34	31.69		DN0071/38	1			
		TDE MAPPING														
12G249/550	09:41:09	SINGLE	117.5/130.0	-40	.04	8/2	1	4	REC/UH	16K	-8	88.7/46.3	212/-43	036/08:14:11	01:07.9	
		BB1	ISDR 315	314	1	0	0		75.07	34.57		DN0071/39	1			
		TDE MAPPING														
12G250/550	10:11:09	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-6	91.5/53.0	215/-50	036/08:44:11	01:07.9	
		BB1	SDR 315	314	1	0	0		154.24	63.16		DN0071/40	1			
		TDE MAPPING														
12G251/550	10:41:58	COLOR	177.5/215.0	0	.12	1/1	1	4	REC/UH	16K	-4	95.0/59.9	218/-57	036/09:15:00	03:21.2	
		BLU	SDR 311	0	0	3	1		131.09	33.96		DN0071/41	1			
		GRN	SDR 311	0	0	3	1		138.47	34.88		DN0071/42	1			
		RED	SDR 310	0	0	4	1		153.74	39.87		DN0071/43	1			
		MONITOR CRATER														
11G252/550	10:51:09	SINGLE	207.5/215.0	-30	.04	0/2	1	4	REC/UH	16K	-6	96.2/62.0	35/-59	036/09:24:11	00:41.2	
		BB2	SDR 190	189	1	0	0		96.87	47.17		DN0071/44	1			
		BACKHOE TOUCHDOWN														
12G253/550	10:56:58	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	-2	97.0/63.3	220/-60	036/09:30:00	00:54.5	
		BB2	SDR 252	251	1	0	0		93.00	32.52		DN0072/01	1			
		DEEPHOLE #2														
12G254/550	11:01:58	COLOR	105.0/115.0	-30	.12	1/1	1	4	REC/UH	16K	-2	97.8/64.4	221/-61	036/09:35:00	00:54.5	
		BLU	SDR 83	0	0	1	1		83.03	28.22		DN0072/02	1			
		GRN	SDR 83	0	0	1	1		94.04	30.23		DN0072/03	1			
		RED	SDR 83	0	0	1	1		124.87	35.49		DN0072/04	1			
		DEEPHOLE #2														
12G255/550	11:06:58	IR	105.0/115.0	-30	.12	9/1	1	4	REC/UH	16K	0	98.6/65.5	221/-62	036/09:40:00	00:54.5	
		IR3	SDR 83	0	0	1	1		84.27	23.29		DN0072/05	1			
		IR2	SDR 83	0	0	1	1		83.69	23.63		DN0072/06	1			
		IR1	SDR 83	0	0	1	1		104.17	29.42		DN0072/07	1			
		DEEPHOLE #2														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H000/550	11:11:58	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-6	99.4/66.6	38/-63	036/09:45:00	00:27.9	
		IR3	SDR 42	0	0	1	1		111.95	36.83		DN0072/08	1			
		IR2	SDR 41	0	0	2	1		116.08	38.06		DN0072/09	1			
		IR1	SDR 41	0	0	2	1		135.67	42.66		DN0072/10	1			
		MONITOR RTC #1														
11H001/550	11:16:58	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-4	100.4/67.8	39/-64	036/09:50:00	00:27.9	
		BLU	SDR 42	0	0	1	1		120.10	37.66		DN0072/11	1			
		GRN	SDR 41	0	0	2	1		147.21	42.61		DN0072/12	1			
		RED	SDR 41	0	0	2	1		159.72	46.27		DN0072/13	1			
		MONITOR RTC #1														
12H002/550	11:56:58	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	2	111.8/76.4	233/-73	036/10:30:00	01:07.9	
		BB1	SDR 314	314	1	1	1		156.89	69.11		DN0072/14	1			
		TDE MAPPING														
12H003/550	13:01:58	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	8	205.3/83.8	300/-83	036/11:35:00	00:10.1	
		BB1	SDR 44	43	1	0	0		50.24	24.80		DN0072/15	1			
		SCAN VER&CAL-CAM 1														
12H004/550	13:02:08	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	205.7/83.8	300/-83	036/11:35:10	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0072/16	1			
		CALIBRATION FRAME														
11H005/551	13:44:14	COLOR	200.0/267.5	-30	.12	1/1	1	4	RT/UH	16K	6	248.7/76.5	178/-78	037/12:56:52	06:20.0	
		BLU	SDR 593	565	29	0	0		93.87	25.57		DN0072/17	1			
		GRN	SDR 593	565	29	0	0		126.68	29.24		DN0072/18	1			
		RED	SDR 592	565	29	1	1		168.53	34.18		DN0072/19	1			
		MONITOR DUNES														
12H006/551	13:51:14	SINGLE	75.0/110.0	-10	.04	5/2	1	5	RT/UH	16K	2	251.4/75.0	6/-77	037/13:03:52	03:27.0	
		BB4	SDR 970	876	94	0	0		72.23	16.71		DN0072/20	2			
		MONITOR DUNES														
11H007/552	07:07:47	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	4	76.5/12.3	15/- 9	038/06:59:59	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0072/21	1			
		AM SUN DIODE														
11H008/552	17:32:47	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	12	278.9/25.5	217/-28	038/17:25:00	00:14.5	
		SUN	ISDR 71	376	7	0	0		107.30	29.06		DN0072/22	1			
		PM SUN DIODE														
11H009/553	07:08:10	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	-17	76.4/12.5	15/- 9	039/07:39:58	00:14.5	
		SUN	ISDR 65	64	1	0	0		34.02	3.44		DN0072/23	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H010/553	17:28:11	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	8	278.7/26.5	217/-29	039/17:59:59	00:14.5	
		SUN	ISDR	65	64	1	0	0	31.50	7.11		DN0072/24	1			
		PM SUN DIODE														
11H011/554	07:08:37	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	-17	76.3/12.7	15/-10	040/08:20:00	00:14.5	
		SUN	ISDR	62	64	1	3	1	33.99	3.57		DN0072/25	1			
		AM SUN DIODE														
11H012/554	17:28:36	SINGLE	37.5/ 40.0	30	.04	4/2	1	2	REC/UH	16K	6	278.9/26.3	217/-29	040/18:39:59	00:14.5	
		SUN	ISDR	61	0	0	3	2	31.61	7.31		DN0072/26	1			
		PM SUN DIODE														
12H013/554	19:03:36	SINGLE	72.5/ 85.0	-10	.04	5/2	1	2	REC/UH	16K	4	286.4/ 5.5	49/- 8	040/20:14:59	01:07.9	
		BB4	ISDR	315	314	1	0	0	101.40	17.63		DN0072/27	1			
		DUNES														
11H014/555	07:14:02	SINGLE	195.0/197.5	20	.04	4/2	1	2	REC/UH	16K	-17	76.6/14.0	15/-11	041/09:05:00	00:14.5	
		SUN	ISDR	65	64	1	0	0	34.10	3.36		DN0072/28	1			
		AM SUN DIODE														
11H015/556	12:34:26	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-2	144.4/84.2	69/-81	042/15:04:59	00:27.9	
		BLU	ISDR	34	0	0	9	2	120.00	46.42		DN0072/29	1			
		GRN	ISDR	34	0	0	9	2	144.28	52.16		DN0072/30	1			
		RED	ISDR	35	0	0	8	2	155.30	52.82		DN0072/31	1			
		RTC														
11H016/556	15:59:26	COLOR	140.0/200.0	0	.12	1/1	1	4	REC/UH	16K	8	272.5/46.2	210/-49	042/18:29:59	05:21.2	
		BLU	ISDR	499	0	0	2	1	98.39	26.96		DN0072/32	1			
		GRN	ISDR	499	0	0	2	1	125.23	33.78		DN0072/33	1			
		RED	ISDR	498	0	0	3	2	139.73	44.92		DN0072/34	1			
		BIG JOE - MESA FLATS														
11H017/557	14:40:59	SINGLE	142.5/145.0	0	.04	5/2	1	4	REC/UH	16K	4	264.9/63.8	201/-66	043/17:51:08	00:14.5	
		BB4	ISDR	65	64	1	0	0	170.79	32.49		DN0072/35	1			
		MON. LNDR. MOVEMENT														
11H018/557	14:42:59	SINGLE	260.0/262.5	0	.04	5/2	1	4	REC/UH	16K	4	265.2/63.4	201/-66	043/17:53:08	00:14.5	
		BB4	ISDR	65	64	1	0	0	164.29	27.08		DN0072/36	1			
		MON. LNDR. MOVEMENT														
12H019/557	16:44:50	SINGLE	170.0/210.0	10	.12	1/3	1	5	REC/UH	16K	8	276.2/36.0	38/-38	043/19:54:59	01:12.3	
		BLU	ISDR	336	334	2	0	0	104.53	71.82		DN0072/37	1			
		PM SKY BRIGHTNESS														
12H020/557	16:47:20	SINGLE	45.0/170.0	10	.12	1/3	1	4	REC/UH	16K	8	276.4/35.4	38/-38	043/19:57:29	03:43.4	
		BLU	ISDR	1043	1043	1	1	1	104.86	47.03		DN0072/38	2			
		PM SKY BRIGHTNESS														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H021/557 18:19:50	SINGLE	42.5/ 45.0	10	.12	4/3	1	2	REC/UH	16K	6	283.3/14.9	221/-17	043/21:29:59	00:05.6	
	SUN	ISDR 23	22	1	0	0		31.10	1.94		DN0072/39	1			
	PM DAILY SUN DIODE														
11H022/557 19:29:50	COLOR	47.5/ 47.5	10	.12	1/1	1	4	REC/UH	250	6	289.3/-	227/- 2	043/22:39:59	24:11.2	R
	BLU	ISDR 32	2	33	2	2		97.67	56.39		DN0072/40	1			
	GRN	ISDR 34	2	33	0	0		95.00	55.80		DN0072/41	1			
	RED	ISDR 33	2	33	1	1		81.14	51.50		DN0072/42	1			
	PM TWILIGHT RESCAN														
11H023/557 19:55:55	COLOR	50.0/ 50.0	10	.12	1/1	1	2	REC/UH	250	2	291.8/- 5	230/ 2	043/23:06:04	24:11.2	R
	GRN	ISDR 34	2	33	0	0		61.13	43.20		DN0072/44	1			
	RED	ISDR 34	2	33	0	0		53.22	31.86		DN0072/45	1			
	BLU	ISDR 33	2	33	1	1		62.39	45.61		DN0072/43	1			
	PM TWILIGHT RESCAN														
11H024/557 20:22:00	COLOR	55.0/ 55.0	10	.12	1/1	1	1	REC/UH	250	2	294.5/-11	233/ 8	043/23:32:09	24:11.2	R
	BLU	ISDR 33	2	33	1	1		66.89	6.31		DN0072/46	1			
	GRN	ISDR 34	2	33	0	0		66.21	5.42		DN0072/47	1			
	RED	ISDR 34	2	33	0	0		64.91	3.62		DN0072/48	1			
	PM TWILIGHT RESCAN														
11H025/558 06:45:15	SINGLE	192.5/195.0	10	.12	4/3	1	1	REC/UH	16K	-19	74.0/ 8.1	12/- 5	044/10:34:59	00:05.6	
	SUN	ISDR 23	22	1	0	0		64.61	3.79		DN0072/49	1			
	AM DAILY SUN DIODE														
11H026/558 14:41:00	SINGLE	142.5/145.0	0	.04	5/2	1	4	REC/UH	16K	4	265.3/63.8	201/-66	044/18:30:44	00:14.5	
	BB4	ISDR 65	64	1	0	0		172.35	32.89		DN0073/01	1			
	MON. LNDR. MOVEMENT														
11H027/558 14:43:00	SINGLE	260.0/262.5	0	.04	5/2	1	4	REC/UH	16K	4	265.5/63.3	201/-66	044/18:32:44	00:14.5	
	BB4	ISDR 65	64	1	0	0		165.87	27.34		DN0073/02	1			
	MON. LNDR. MOVEMENT														
11H028/560 06:51:05	SINGLE	192.5/195.0	10	.12	4/3	1	1	REC/UH	16K	-19	74.3/ 9.6	13/- 7	046/12:00:00	00:05.6	
	SUN	ISDR 24	22	2	0	0		65.84	3.25		DN0073/03	1			
	AM DAILY SUN DIODE														
11H029/560 18:21:05	SINGLE	42.5/ 45.0	10	.12	4/3	1	2	REC/UH	16K	6	283.9/14.6	222/-17	046/23:29:59	00:05.6	
	SUN	ISDR 24	22	2	0	0		31.14	2.24		DN0073/04	1			
	PM DAILY SUN DIODE														
12H030/561 17:01:29	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	8	278.2/32.1	40/-35	047/22:49:59	00:54.5	
	BB2	ISDR 253	251	2	0	0		62.98	24.96		DN0073/05	1			
	POST ACQ., DEEPHOLE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H031/562 06:51:54	SINGLE SUN AM DAILY SUN DIODE	192.5/195.0 ISDR 22	10 22	.12 2	4/3 2	1 1	1	REC/UH 65.23	16K 3.53	-19	74.1/10.0 DN0073/06	13/- 7 1	048/13:19:59	00:05.6	
11H032/562 16:21:55	SINGLE BB2 CONICAL PILES 2 & 3	270.0/280.0 ISDR 253	-20 251	.04 2	0/2 0	1 0	4	REC/UH 111.07	16K 28.86	6	275.5/40.9 DN0073/07	213/-43 1	048/22:50:00	00:54.5	
11H033/562 16:23:55	SINGLE BB2 CONICAL PILE 4	250.0/255.0 ISDR 128	-30 126	.04 2	0/2 0	1 0	4	REC/UH 123.32	16K 19.21	8	275.6/40.5 DN0073/08	213/-43 1	048/22:52:00	00:27.9	
11H034/562 16:25:55	SINGLE BB2 CONICAL PILE 1	207.5/212.5 ISDR 125	-30 0	.04 0	0/2 1	1 1	4	REC/UH 113.57	16K 37.70	8	275.8/40.0 DN0073/09	214/-43 1	048/22:54:00	00:27.9	
11H035/562 18:16:55	SINGLE SUN PM DAILY SUN DIODE	42.5/ 45.0 ISDR 20	10 0	.12 0	4/3 2	1 1	2	REC/UH 31.10	16K 1.87	6	283.9/15.4 DN0073/10	222/-18 1	049/00:45:00	00:05.6	
11H036/564 06:52:44	SINGLE SUN AM DAILY SUN DIODE	192.5/195.0 SDR 65	20 64	.04 1	4/2 0	1 0	1	REC/UH 64.75	16K 4.16	-17	74.0/10.5 DN0073/11	12/- 7 1	050/14:40:00	00:14.5	
11H037/564 18:12:44	SINGLE SUN PM DAILY SUN DIODE	42.5/ 45.0 SDR 65	20 64	.04 1	4/2 0	1 0	2	REC/UH 30.90	16K 3.81	6	283.9/16.3 DN0073/12	222/-19 1	051/01:59:59	00:14.5	
11H038/567 06:53:58	SINGLE SUN AM DAILY SUN DIODE	192.5/195.0 ISDR 65	20 64	.04 1	4/2 0	1 0	1	REC/UH 62.17	16K 4.41	-17	73.8/11.1 DN0073/13	12/- 8 1	053/16:39:59	00:14.5	
11H039/567 18:08:58	SINGLE SUN PM DAILY SUN DIODE	42.5/ 45.0 ISDR 65	20 64	.04 1	4/2 0	1 0	2	REC/UH 31.18	16K 4.61	6	284.0/17.0 DN0073/14	222/-20 1	054/03:55:00	00:14.5	
12H040/570 13:00:12	SINGLE BB1 SCAN VER&CAL-CAM 2	.0/ 5.0 SDR 44	0 43	.12 1	8/3 0	1 0	4	REC/UH 48.83	16K 23.98	2	232.7/85.3 DN0073/15	315/-86 1	057/00:44:59	00:10.1	
12H041/570 13:00:22	SINGLE CAL CALIBRATION FRAME	170.0/170.0 SDR 64	-40 0	0	/7 0	0		REC/UH .00	16K .00	2	233.0/85.3 DN0073/16	315/-86 1	057/00:45:09	00:18.0	
11H042/570 18:05:13	SINGLE SUN PM DAILY SUN DIODE	42.5/ 45.0 SDR 65	20 64	.04 1	4/2 0	1 0	2	REC/UH 30.88	16K 2.43	6	284.2/17.7 DN0073/17	222/-20 1	057/05:50:00	00:14.5	

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H043/571 06:55:37	SINGLE	192.5/195.0	20	.04	4/2	1	1	REC/UH	16K	-17	73.5/11.9	12/- 9	057/19:19:59	00:14.5	
	SUN	SDR 65	64	1	0	0		61.82	3.42		DN0073/18	1			
	AM DAILY SUN DIODE														
11H044/571 07:00:37	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	73.9/12.9	12/-10	057/19:24:59	00:10.1	
	BB1	SDR 44	43	1	0	0		95.06	54.27		DN0073/19	1			
	SCAN VER&CAL-CAM 1														
11H045/571 07:00:47	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	74.0/13.0	12/-10	057/19:25:09	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0073/20	1			
	CALIBRATION FRAME														
11H046/572 07:01:12	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-17	73.9/13.2	12/-10	058/20:05:09	00:14.5	
	SUN	ISDR 65	64	1	0	0		34.06	2.28		DN0073/21	1			
	AM DAILY SUN DIODE														
11H047/572 18:26:02	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.1/13.2	224/-16	059/07:30:00	00:14.5	
	SUN	ISDR 65	64	1	0	0		30.88	1.40		DN0073/22	1			
	PM DAILY SUN DIODE														
11H048/574 07:01:52	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-17	73.8/13.5	12/-11	060/21:25:00	00:14.5	
	SUN	SDR 65	64	1	0	0		33.94	2.40		DN0073/23	1			
	AM DAILY SUN DIODE														
11H049/574 18:26:51	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.4/12.9	225/-15	061/08:49:59	00:14.5	
	SUN	SDR 65	64	1	0	0		31.01	1.21		DN0073/24	1			
	PM DAILY SUN DIODE														
11H050/576 10:57:41	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	-8	90.4/66.1	30/-63	063/02:39:59	02:14.5	
	BLU	ISDR 209	0	0	0	0		102.03	41.89		DN0073/25	1			
	GRN	ISDR 208	0	0	1	1		130.09	51.44		DN0073/26	1			
	RED	ISDR 208	0	0	1	1		149.74	55.16		DN0073/27	1			
	MONITOR RTCS & GRID														
12H051/576 15:55:35	COLOR	12.5/ 80.0	0	.12	1/1	1	4	REC/UH	16K	8	276.3/46.2	38/-49	063/07:37:54	06:01.2	
	BLU	ISDR 562	0	0	2	1		118.11	26.59		DN0073/28	1			
	GRN	ISDR 560	0	0	4	2		125.35	24.60		DN0073/29	1			
	RED	ISDR 561	0	0	3	1		142.76	30.05		DN0073/30	1			
	MONITOR DUNES														
12H052/577 06:58:04	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	-17	73.2/13.0	196/-10	063/23:19:58	00:27.9	
	BB4	SDR 128	126	2	0	0		58.82	26.67		DN0073/31	1			
	DUNE AT DIFF. @ *														
11H053/577 07:03:04	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-17	73.6/14.1	12/-11	063/23:24:58	00:14.5	
	SUN	SDR 65	64	1	0	0		34.11	1.95		DN0073/32	1			
	AM DAILY SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN	/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12H054/577	07:33:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-17	75.8/20.6	198/-18	063/23:54:59	00:27.9	
		BB4	SDR 128	126	2	0	0		45.52	22.13		DN0073/33	1			
		DUNE AT DIFF. ∂														
12H055/577	08:48:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-13	80.9/37.2	204/-34	064/01:09:59	00:27.9	
		BB4	SDR 128	126	2	0	0		78.13	34.85		DN0073/34	1			
		DUNE AT DIFF. ∂														
12H056/577	10:08:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-8	86.2/55.1	210/-52	064/02:29:59	00:27.9	
		BB4	SDR 128	126	2	0	0		108.09	39.00		DN0073/35	1			
		DUNE AT DIFF. ∂														
12H057/577	11:08:05	SINGLE	75.0/ 82.5	-10	.04	5/2	1	4	REC/UH	16K	-4	91.1/68.6	215/-65	064/03:29:59	00:41.2	
		BB4	ISDR 190	189	1	0	0		124.19	39.14		DN0073/36	1			
		DUNE AT DIFF. ∂														
12H058/577	12:18:05	SINGLE	75.0/ 82.5	-10	.04	5/2	1	4	REC/UH	16K	0	109.3/84.2	230/-81	064/04:39:59	00:41.2	
		BB4	SDR 188	0	0	1	1		136.30	36.20		DN0073/37	1			
		DUNE AT DIFF. ∂														
12H059/577	13:33:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	4	262.4/78.2	17/-80	064/05:54:59	00:27.9	
		BB4	SDR 125	0	0	1	1		142.90	30.97		DN0073/38	1			
		DUNE AT DIFF. ∂														
12H060/577	14:48:05	SINGLE	75.0/ 82.5	-10	.04	5/2	1	4	REC/UH	16K	6	271.7/61.3	32/-64	064/07:09:59	00:41.2	
		BB4	SDR 187	0	0	2	1		141.22	27.31		DN0073/39	1			
		DUNE AT DIFF. ∂														
12H061/577	16:08:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	8	277.3/43.4	39/-46	064/08:29:59	00:27.9	
		BB4	ISDR 122	0	0	4	1		127.56	20.81		DN0073/40	1			
		DUNE AT DIFF. ∂														
12H062/577	17:08:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	8	281.2/30.1	43/-33	064/09:29:59	00:27.9	
		BB4	SDR 127	126	1	0	0		103.96	16.42		DN0073/41	1			
		DUNE AT DIFF. ∂														
11H063/577	18:28:05	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	4	286.9/12.6	225/-15	064/10:49:58	00:14.5	
		SUN	SDR 65	64	1	0	0		30.88	.85		DN0073/42	1			
		PM DAILY SUN DIODE														
12H064/577	18:38:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	4	287.7/10.4	50/-13	064/10:59:58	00:27.9	
		BB4	SDR 127	126	1	0	0		71.37	10.32		DN0073/43	1			
		DUNE AT DIFF. ∂														
12H065/577	19:03:05	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	4	289.8/ 5.1	52/- 8	064/11:24:58	00:27.9	
		BB4	ISDR 127	126	1	0	0		40.62	4.50		DN0073/44	1			
		DUNE AT DIFF. ∂														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H066/578 07:23:42	SINGLE	155.0/185.0	-10	.04	13/2	1	4	REC/UH	16K	-17	75.0/18.7	14/-16	065/00:25:11	02:41.2	
	BB3	SDR 750	751	1	2	1		58.05	33.51		DN0073/45	1			
	F/C11B149/065 REPRO														
11H067/579 04:36:55	COLOR	180.0/180.0	10	.12	1/1	1	1	REC/UH	250	-17	59.4/-15	357/ 17	065/22:18:00	24:11.2	R
	BLU	ISDR 33	2	33	1	1		72.47	3.36		DN0073/46	1			
	GRN	ISDR 34	2	33	0	0		71.85	2.68		DN0073/47	1			
	RED	ISDR 34	2	33	0	0		71.41	1.27		DN0073/48	1			
	AM TWILIGHT RESCAN														
11H068/579 05:03:00	COLOR	182.5/182.5	10	.12	1/1	1	3	REC/UH	250	-15	62.5/-10	/ 12	065/22:44:05	24:11.2	R
	BLU	ISDR 33	2	33	1	1		33.94	12.28		DN0073/49	1			
	GRN	ISDR 34	2	33	0	0		31.79	10.17		DN0073/50	1			
	RED	ISDR 34	2	33	0	0		28.04	6.40		DN0073/51	1			
	AM TWILIGHT RESCAN														
11H069/579 05:29:05	COLOR	185.0/185.0	10	.12	1/1	1	5	REC/UH	250	-15	65.2/- 5	3/ 7	065/23:10:10	24:11.2	R
	BLU	ISDR 33	2	33	1	1		37.92	14.44		DN0074/01	1			
	GRN	ISDR 34	2	33	0	0		35.73	12.29		DN0074/02	1			
	RED	ISDR 34	2	33	0	0		30.39	7.14		DN0074/03	1			
	AM TWILIGHT RESCAN														
12H070/579 07:03:55	SINGLE	15.0/ 17.5	20	.04	4/2	1	2	REC/UH	16K	-17	73.5/14.5	196/-11	066/00:45:00	00:14.5	
	SUN	SDR 65	64	1	0	0		31.04	.88		DN0074/04	1			
	CAM COMPARISON SEQ														
11H071/579 07:05:25	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-12	73.6/14.8	12/-12	066/00:46:30	00:14.5	
	SUN	SDR 63	64	1	2	1		31.10	1.10		DN0074/05	1			
	CAM COMPARISON SEQ														
12H072/579 08:33:55	SINGLE	32.5/ 72.5	10	.12	1/3	1	5	REC/UH	16K	-13	79.7/34.2	203/-31	066/02:15:00	01:12.3	
	BLU	SDR 334	334	2	2	1		113.64	75.76		DN0074/06	1			
	AM SKY BRIGHTNESS														
12H073/579 08:36:25	SINGLE	72.5/200.0	10	.12	1/3	1	4	REC/UH	16K	-13	79.9/34.8	203/-32	066/02:17:30	03:47.8	
	BLU	SDR 1062	0	0	2	1		107.89	51.03		DN0074/07	2			
	AM SKY BRIGHTNESS														
12H074/579 18:08:55	SINGLE	227.5/230.0	20	.04	4/2	1	2	REC/UH	16K	6	285.7/16.7	48/-19	066/11:49:59	00:14.5	
	SUN	SDR 65	64	1	0	0		31.07	1.12		DN0074/08	1			
	CAM COMPARISON SEQ														
11H075/579 18:10:55	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	285.9/16.2	224/-19	066/11:51:59	00:14.5	
	SUN	SDR 66	64	2	0	0		32.35	11.58		DN0074/09	1			
	CAM COMPARISON SEQ														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H076/580 07:04:20	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-17	73.4/14.7	12/-12	067/01:24:59	00:14.5	
	SUN	SDR 66	64	2	0	0		35.38	14.65		DN0074/10	1			
	AM DAILY SUN DIODE														
12H077/580 10:09:20	SINGLE	140.0/165.0	-50	.04	8/2	1	4	REC/UH	16K	-8	85.7/55.6	209/-52	067/04:29:59	02:14.5	
	BB1	SDR 628	626	2	0	0		108.35	34.27		DN0074/11	1			
	MONITOR FOOTPAD #3														
12H078/581 15:44:14	SINGLE	105.0/115.0	-30	.04	0/2	1	4	REC/UH	16K	8	276.5/48.5	38/-51	068/10:44:29	00:54.5	
	BB2	ISDR 246	0	0	5	2		80.71	23.86		DN0074/12	1			
	POST ACQUISITION														
11H079/582 06:54:56	SINGLE	300.0/335.0	-10	.04	13/2	1	3	REC/UH	16K	-17	72.5/12.8	11/-10	069/02:34:46	03:07.8	
	BB3	SDR 877	876	1	0	0		84.40	31.97		DN0074/13	1			
	F/C11B129/050 REPRO														
11H080/582 07:25:46	SINGLE	185.0/215.0	-10	.04	13/2	1	3	REC/UH	16K	-15	74.8/19.5	13/-16	069/03:05:36	02:41.2	
	BB3	SDR 752	751	3	2	1		97.75	35.74		DN0074/14	1			
	F/C11B130/051 REPRO														
12H081/582 09:10:10	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-10	81.6/42.5	205/-39	069/04:50:00	01:07.9	
	BB1	SDR 314	314	1	1	1		129.07	50.21		DN0074/15	1			
	TDE MAPPING														
11H082/583 16:05:34	SINGLE	327.5/342.5	0	.04	5/2	1	4	REC/UH	16K	6	278.1/43.7	216/-46	070/12:24:59	01:21.2	
	BB4	SDR 374	0	0	2	1		148.24	66.03		DN0074/16	1			
	HI-RES MOSAIC														
11H083/583 17:52:28	SINGLE	155.0/185.0	-10	.04	13/2	1	4	REC/UH	16K	6	285.1/20.1	223/-23	070/14:11:53	02:41.2	
	BB3	SDR 747	0	0	4	1		67.03	17.34		DN0074/17	1			
	REPRO F/C 11B139/054														
11H084/583 18:10:34	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.4/16.2	225/-19	070/14:29:59	00:14.5	
	SUN	ISDR 66	64	2	0	0		31.19	5.08		DN0074/18	1			
	PM SUN DIODE														
11H085/584 07:10:59	SINGLE	192.5/195.0	20	.04	4/2	1	2	REC/UH	16K	-17	73.6/16.5	12/-13	071/04:10:00	00:14.5	
	SUN	SDR 66	64	2	0	0		35.54	13.08		DN0074/19	1			
	AM SUN DIODE														
11H086/585 16:41:23	SINGLE	337.5/342.5	-10	.04	13/2	1	4	REC/UH	16K	6	280.6/35.7	219/-38	072/14:19:59	00:27.9	
	BB3	SDR 101	0	0	25	1		74.37	31.87		DN0074/20	1			
	SURF. MON.														
11H087/585 18:01:23	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	285.9/18.1	224/-21	072/15:39:59	00:14.5	
	SUN	SDR 67	64	3	0	0		33.63	18.97		DN0074/21	1			
	PM SUN DIODE														

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VL-1 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN	/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H088/586 06:41:48	SINGLE SUN AM SUN DIODE	190.0/192.5 SDR 65	20 64	.04 1	4/2 0	1 0	1	REC/UH 64.33	16K 3.73	-17	71.2/10.4 DN0074/22	10/- 7 1	073/04:59:59	00:14.5	
12H089/586 16:01:49	SINGLE BB2 POST ACQ., SSCA	105.0/115.0 SDR 253	-30 251	.04 2	0/2 0	1 0	4	REC/UH 79.07	16K 25.18	8	278.4/44.4 DN0074/23	40/-47 1	073/14:20:00	00:54.5	
11H090/586 18:01:49	SINGLE SUN PM SUN DIODE	45.0/ 47.5 SDR 65	20 64	.04 1	4/2 0	1 0	2	REC/UH 31.11	16K 2.32	4	286.1/18.0 DN0074/24	224/-21 1	073/16:20:00	00:14.5	
11H091/587 06:17:14	SINGLE SUN DIURNAL SEQUENCE	187.5/190.0 SDR 65	10 64	.04 1	4/2 0	1 0	1	REC/UH 61.98	16K 2.10	-17	69.1/ 5.3 DN0074/25	7/- 2 1	074/05:15:00	00:14.5	
11H092/587 06:42:14	SINGLE SUN DIURNAL SEQUENCE	190.0/192.5 SDR 65	20 64	.04 1	4/2 0	1 0	1	REC/UH 62.54	16K 3.16	-17	71.2/10.6 DN0074/26	10/- 8 1	074/05:40:00	00:14.5	
11H093/587 07:22:14	SINGLE SUN DIURNAL SEQUENCE	192.5/195.0 SDR 66	30 64	.04 2	4/2 0	1 0	2	REC/UH 34.01	16K 3.71	-15	74.1/19.2 DN0074/27	13/-16 1	074/06:20:00	00:14.5	
11H094/587 08:27:14	SINGLE SUN DIURNAL SEQUENCE	197.5/200.0 SDR 65	40 64	.04 1	4/2 0	1 0	3	REC/UH 25.93	16K 12.24	-13	78.4/33.4 DN0074/28	17/-30 1	074/07:25:00	00:14.5	
11H095/587 09:02:13	SINGLE SUN DIURNAL SEQUENCE	200.0/202.5 SDR 62	40 0	.04 0	4/2 2	1 1	3	REC/UH 33.37	16K 23.44	-12	80.6/41.2 DN0074/29	20/-38 1	074/08:00:00	00:14.5	
11H096/587 17:17:13	SINGLE SUN DIURNAL SEQUENCE	42.5/ 45.0 SDR 62	40 0	.04 0	4/2 2	1 1	3	REC/UH 25.08	16K 8.48	6	283.2/27.7 DN0074/30	221/-30 1	074/16:14:59	00:14.5	
11H097/587 18:07:13	SINGLE SUN DIURNAL SEQUENCE	45.0/ 47.5 SDR 62	20 0	.04 0	4/2 2	1 1	2	REC/UH 30.97	16K 1.78	6	286.6/16.8 DN0074/31	225/-19 1	074/17:04:59	00:14.5	
11H098/587 19:02:13	SINGLE SUN DIURNAL SEQUENCE	50.0/ 52.5 SDR 63	10 0	.04 0	4/2 1	1 1	1	REC/UH 59.05	16K 11.40	4	290.9/ 5.1 DN0074/32	229/- 8 1	074/17:59:59	00:14.5	
11H099/589 06:43:02	SINGLE SUN AM SUN DIODE	190.0/192.5 SDR 69	20 64	.04 5	4/2 0	1 0	1	REC/UH 66.04	16K 23.35	-17	71.1/11.0 DN0074/33	10/- 8 1	076/06:59:58	00:14.5	

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H100/589	17:58:02	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.2/18.7	224/-21	076/18:14:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.13	2.62		DN0074/34	1			
		PM SUN DIODE														
11H101/591	06:43:53	SINGLE	190.0/192.5	20	.04	4/2	1	1	REC/UH	16K	-17	71.0/11.3	9/- 8	078/08:20:00	00:14.5	
		SUN	SDR 66	64	2	0	0		62.39	3.86		DN0074/35	1			
		AM SUN DIODE														
11H102/591	17:53:52	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.1/19.6	224/-22	078/19:29:59	00:14.5	
		SUN	SDR 67	64	3	0	0		31.76	5.97		DN0074/36	1			
		PM SUN DIODE														
12H103/592	17:46:25	SINGLE	75.0/ 85.0	-10	.04	13/2	1	3	REC/UH	16K	8	285.7/21.1	48/-24	079/20:02:07	00:54.5	
		BB3	SDR 250	0	0	1	1		170.30	30.86		DN0074/37	1			
		REPRO F/C 12B096/040														
11H104/593	17:54:41	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.4/19.3	225/-22	080/20:49:59	00:14.5	
		SUN	SDR 65	64	1	0	0		31.11	3.14		DN0074/38	1			
		PM SUN DIODE														
11H105/594	06:50:46	SINGLE	190.0/192.5	20	.04	4/2	1	2	REC/UH	16K	-17	71.3/13.0	10/-10	081/10:25:39	00:14.5	
		SUN	SDR 65	64	1	0	0		34.20	2.28		DN0074/39	1			
		AM SUN DIODE														
11H106/594	07:00:06	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	72.0/15.0	11/-12	081/10:34:59	00:10.1	
		BB1	SDR 44	43	1	0	0		90.25	55.43		DN0074/40	1			
		SCAN VER														
11H107/594	07:00:16	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-17	72.0/15.1	11/-12	081/10:35:09	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0074/41	1			
		CALIBRATION FRAME														
12H108/594	09:00:06	SINGLE	120.0/132.5	-50	.04	8/2	1	3	REC/UH	16K	-12	79.7/41.3	203/-38	081/12:34:59	01:07.9	
		BB1	SDR 315	314	1	0	0		136.69	47.08		DN0074/42	1			
		TDE MAPPING														
12H109/594	13:00:06	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	2	267.9/84.8	9/-87	081/16:34:59	00:10.1	
		BB1	SDR 45	43	2	0	0		72.59	61.82		DN0074/43	1			
		SCAN VER														
12H110/594	13:00:16	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	2	268.0/84.8	10/-87	081/16:35:09	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0074/44	1			
		CALIBRATION FRAME														
11H111/595	17:55:31	SINGLE	45.0/ 47.5	20	.04	4/2	1	2	REC/UH	16K	6	286.7/19.1	225/-22	082/22:10:00	00:14.5	
		SUN	SDR 65	64	1	0	0		31.16	3.25		DN0074/45	1			
		PM SUN DIODE														

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VL-1 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H112/595 21:51:51	SINGLE BLU PHOBOS	242.5/247.5 SDR STUDY	40 127	.04 126 1	1/2 0	1 0	1	REC/UH 60.35	16K 17.77	-6	312.3/-27 DN0074/46	250/ 24 1	083/02:06:19	00:27.9	
11H113/595 21:53:01	SINGLE IR1 PHOBOS	242.5/245.0 ISDR STUDY	40 65	.04 64 1	11/2 0	1 0	0	REC/UH 118.66	16K 6.44	-6	312.5/-27 DN0074/47	250/ 25 1	083/02:07:29	00:14.5	
11H114/595 21:54:01	SINGLE RED PHOBOS	242.5/245.0 ISDR STUDY	40 65	.04 64 1	3/2 0	1 0	1	REC/UH 61.38	16K 2.41	-6	312.7/-28 DN0074/48	250/ 25 1	083/02:08:29	00:14.5	
11H115/595 21:55:01	SINGLE IR3 PHOBOS	240.0/245.0 SDR STUDY	40 127	.04 126 1	9/2 0	1 0	0	REC/UH 128.33	16K 12.42	-6	312.8/-28 DN0075/01	250/ 25 1	083/02:09:29	00:27.9	
11H116/595 21:56:11	SINGLE GRN PHOBOS	240.0/245.0 ISDR STUDY	40 127	.04 126 1	2/2 0	1 0	1	REC/UH 59.72	16K 5.31	-6	313.0/-28 DN0075/02	251/ 25 1	083/02:10:39	00:27.9	
11H117/595 21:57:21	SINGLE IR2 PHOBOS	240.0/242.5 ISDR STUDY	40 65	.04 64 1	10/2 0	1 0	0	REC/UH 125.40	16K 9.85	-6	313.2/-28 DN0075/03	251/ 25 1	083/02:11:49	00:14.5	
11H118/595 21:58:21	SINGLE BLU PHOBOS	240.0/242.5 ISDR STUDY	40 65	.04 64 1	1/2 0	1 0	1	REC/UH 54.07	16K 16.34	-6	313.4/-28 DN0075/04	251/ 26 1	083/02:12:49	00:14.5	
11H119/595 22:08:01	SINGLE BLU PHOBOS	235.0/237.5 ISDR STUDY	30 65	.04 64 1	1/2 0	1 0	1	REC/UH 61.76	16K 17.03	-6	315.2/-30 DN0075/05	253/ 27 1	083/02:22:29	00:14.5	
11H120/595 22:09:01	SINGLE IR1 PHOBOS	232.5/237.5 SDR STUDY	30 127	.04 126 1	11/2 0	1 0	0	REC/UH 122.67	16K 6.27	-6	315.4/-30 DN0075/06	253/ 27 1	083/02:23:29	00:27.9	
11H121/595 22:10:11	SINGLE RED PHOBOS	232.5/237.5 SDR STUDY	30 127	.04 126 1	3/2 0	1 0	0	REC/UH 127.81	16K 8.27	-6	315.6/-30 DN0075/07	253/ 28 1	083/02:24:39	00:27.9	
11H122/595 22:11:21	SINGLE IR3 PHOBOS	232.5/235.0 SDR STUDY	30 65	.04 64 1	9/2 0	1 0	0	REC/UH 139.63	16K 6.83	-6	315.8/-30 DN0075/08	253/ 28 1	083/02:25:49	00:14.5	
11H123/595 22:12:21	SINGLE GRN PHOBOS	232.5/235.0 SDR STUDY	30 65	.04 64 1	2/2 0	1 0	1	REC/UH 61.72	16K 5.06	-6	316.0/-30 DN0075/09	253/ 28 1	083/02:26:49	00:14.5	

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H124/595	22:13:21	SINGLE IR2 PHOBOS STUDY	232.5/235.0 SDR 65	30 64	.04 1	10/2 0	1 0	0	REC/UH 121.50	16K 9.84	-6	316.2/-31 DN0075/10	253/ 28 1	083/02:27:49	00:14.5	
11H125/595	22:14:21	SINGLE BLU PHOBOS STUDY	230.0/235.0 SDR 123	30 0	.04 0	1/2 3	1 2	1	REC/UH 61.41	16K 17.01	-6	316.4/-31 DN0075/11	254/ 28 1	083/02:28:49	00:27.9	
11H126/595	22:21:01	SINGLE BLU PHOBOS STUDY	227.5/232.5 SDR 128	30 126	.04 2	1/2 0	1 0	1	REC/UH 64.81	16K 17.05	-6	317.7/-32 DN0075/12	255/ 29 1	083/02:35:29	00:27.9	
11H127/595	22:22:11	SINGLE IR1 PHOBOS STUDY	227.5/232.5 SDR 128	30 126	.04 2	11/2 0	1 0	0	REC/UH 120.84	16K 6.71	-6	317.9/-32 DN0075/13	255/ 29 1	083/02:36:39	00:27.9	
11H128/595	22:23:21	SINGLE RED PHOBOS STUDY	227.5/232.5 SDR 128	30 126	.04 2	3/2 0	1 0	0	REC/UH 126.65	16K 8.58	-6	318.1/-32 DN0075/14	255/ 30 1	083/02:37:49	00:27.9	
11H129/595	22:24:31	SINGLE IR3 PHOBOS STUDY	227.5/230.0 SDR 66	30 64	.04 2	9/2 0	1 0	0	REC/UH 138.43	16K 15.21	-6	318.4/-32 DN0075/15	256/ 30 1	083/02:38:59	00:14.5	
11H130/595	22:25:31	SINGLE GRN PHOBOS STUDY	227.5/230.0 ISDR 65	30 64	.04 1	2/2 0	1 0	0	REC/UH 118.78	16K 9.87	-6	318.6/-32 DN0075/16	256/ 30 1	083/02:39:59	00:14.5	
11H131/595	22:26:31	SINGLE IR2 PHOBOS STUDY	227.5/230.0 SDR 65	30 64	.04 1	10/2 0	1 0	0	REC/UH 112.85	16K 9.78	-6	318.8/-33 DN0075/17	256/ 30 1	083/02:40:59	00:14.5	
11H132/595	22:27:31	SINGLE BLU PHOBOS STUDY	225.0/230.0 SDR 130	30 126	.04 4	1/2 0	1 0	1	REC/UH 60.12	16K 18.72	-6	319.0/-33 DN0075/18	256/ 30 1	083/02:41:59	00:27.9	
11H133/596	06:50:56	SINGLE SUN AM SUN DIODE	190.0/192.5 SDR 65	20 64	.04 1	4/2 0	1 0	2	REC/UH 34.06	16K 2.73	-17	71.2/13.3 DN0075/19	10/-10 1	083/11:45:00	00:14.5	
12H134/596	17:55:46	SINGLE BB3 REPRO F/C 12B112/041	267.5/305.0 ISDR 933	-10 0	.04 0	13/2 6	1 1	3	REC/UH 83.17	16K 38.49	6	286.8/19.0 DN0075/20	49/-22 2	083/22:49:49	03:21.2	
11H135/597	06:51:20	SINGLE SUN AM SUN DIODE	190.0/192.5 SDR 62	20 0	.04 0	4/2 2	1 1	2	REC/UH 34.12	16K 2.52	-17	71.1/13.4 DN0075/21	10/-10 1	084/12:24:59	00:14.5	

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VL-1 CAMERA EVENT REPORT

CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H136/597 17:46:19	SINGLE	45.0/ 47.5	30	.04	4/2	1	3	REC/UH	16K	6	286.3/21.0	224/-24	084/23:19:58	00:14.5	
	SUN	SDR 62	0	0	2	1		38.43	23.42		DN0075/22	1			
	PM SUN DIODE														
11H137/597 17:54:58	SINGLE	90.0/155.0	0	.04	5/2	1	3	REC/UH	16K	6	286.9/19.1	225/-22	084/23:28:37	05:47.8	
	BB4	SDR 1620	0	0	6	2		140.87	54.89		DN0075/23	2			
	REPRO F/C 11B098/040														
11H138/597 18:01:53	SINGLE	35.0/ 60.0	-10	.04	13/2	1	3	REC/UH	16K	6	287.4/17.7	226/-20	084/23:35:32	02:14.5	
	BB3	SDR 628	626	4	2	1		94.66	55.57		DN0075/24	1			
	REPRO F/C 11B099/040														
11H139/600 06:27:35	SINGLE	187.5/190.0	20	.04	4/2	1	1	REC/UH	16K	-17	69.1/ 8.6	8/- 6	087/13:59:59	00:14.5	
	SUN	SDR 65	64	1	0	0		64.19	4.32		DN0075/25	1			
	AM SUN DIODE														
11H140/600 06:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	71.6/15.5	10/-13	087/14:32:23	00:10.1	
	BB1	SDR 44	43	1	0	0		90.00	55.37		DN0075/26	1			
	SCAN VER														
12H141/600 08:06:14	SINGLE	285.0/300.0	0	.04	5/2	1	4	REC/UH	16K	-13	76.0/29.8	199/-27	087/15:38:39	01:21.2	
	BB4	SDR 379	376	3	0	0		104.34	46.02		DN0075/27	1			
	REPRO F/C 12B063/038														
11H142/600 14:49:55	SINGLE	40.0/ 62.5	-10	.04	13/2	1	4	REC/UH	16K	4	276.8/59.8	214/-62	087/22:22:20	02:01.2	
	BB3	SDR 554	0	0	10	2		125.53	65.13		DN0075/28	1			
	REPRO F/C 11B073/039														
11H143/600 15:14:23	SINGLE	270.0/295.0	0	.04	5/2	1	4	REC/UH	16K	6	277.9/54.3	216/-57	087/22:46:48	02:14.5	
	BB4	ISDR 619	626	2	9	1		153.91	29.00		DN0075/29	1			
	REPRO F/C 11B037/034														
11H144/600 18:17:35	SINGLE	47.5/ 50.0	20	.04	4/2	1	2	REC/UH	16K	4	288.8/14.2	227/-17	088/01:50:00	00:14.5	
	SUN	SDR 68	64	4	0	0		31.08	1.67		DN0075/30	1			
	PM SUN DIODE														
11H145/601 15:12:52	SINGLE	250.0/270.0	0	.04	5/2	1	4	REC/UH	16K	6	278.0/54.6	216/-57	088/23:24:51	01:47.9	
	BB4	SDR 502	501	1	0	0		155.44	24.19		DN0075/31	1			
	REPRO F/C 11B037/034														
11H146/602 06:28:25	SINGLE	187.5/190.0	20	.04	4/2	1	1	REC/UH	16K	-17	69.1/ 9.0	8/- 6	089/15:20:00	00:14.5	
	SUN	SDR 59	0	0	5	1		65.43	13.12		DN0075/32	1			
	AM SUN DIODE														
12H147/602 12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	4	275.3/84.4	27/-87	089/21:51:34	00:10.1	
	BB1	SDR 41	0	0	2	1		53.03	24.82		DN0075/33	1			
	SCAN VER														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H148/602	18:13:24	SINGLE	47.5/ 50.0	20	.04	4/2	1	2	REC/UH	16K	6	288.7/15.1	227/-18	090/03:04:59	00:14.5	
		SUN	SDR 62	0	0	2	1		31.07	2.14		DN0075/34	1			
		PM SUN DIODE														
12H149/604	14:45:24	SINGLE	285.0/305.0	-10	.04	13/2	1	4	REC/UH	16K	6	277.3/60.6	39/-63	092/00:56:10	01:47.9	
		BB3	ISDR 502	501	1	0	0		101.08	50.89		DN0075/35	1			
		REPRO 12B016/033														
11H150/605	06:29:38	SINGLE	187.5/190.0	20	.04	4/2	1	1	REC/UH	16K	-17	69.0/ 9.5	7/- 7	092/17:19:59	00:14.5	
		SUN	ISDR 62	0	0	2	1		63.88	3.98		DN0075/36	1			
		AM SUN DIODE														
11H151/605	18:09:38	SINGLE	47.5/ 50.0	20	.04	4/2	1	2	REC/UH	16K	4	288.7/15.8	227/-18	093/04:59:58	00:14.5	
		SUN	ISDR 63	0	0	1	1		31.62	8.81		DN0075/37	1			
		PM SUN DIODE														
12H152/606	15:18:59	SINGLE	147.5/157.5	-50	.04	8/2	1	4	REC/UH	16K	6	279.0/53.0	41/-56	094/02:48:55	00:54.5	
		BB1	SDR 202	251	1	50	3		86.69	38.59		DN0075/38	1			
		REPRO F/C 12B017/033														
12H153/607	15:19:39	SINGLE	160.0/167.5	-50	.04	8/2	1	4	REC/UH	16K	6	279.2/52.9	41/-55	095/03:29:10	00:41.2	
		BB1	ISDR 190	189	1	0	0		51.56	31.55		DN0075/39	1			
		REPRO F/C 12B017/033														
11H154/607	15:25:26	SINGLE	140.0/155.0	-10	.04	5/2	1	4	REC/UH	16K	4	279.4/51.6	217/-54	095/03:34:57	01:21.2	
		BB4	SDR 372	0	0	4	1		141.19	34.48		DN0075/40	1			
		REPRO F/C 11A251/031														
11H155/608	06:30:53	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-17	68.9/10.0	7/- 7	095/19:19:59	00:05.6	
		SUN	ISDR 24	22	2	0	0		66.79	17.19		DN0075/41	1			
		AM SUN DIODE														
12H156/608	17:56:59	SINGLE	107.5/115.0	-30	.04	0/2	1	4	REC/UH	16K	6	288.1/18.4	50/-21	096/06:46:06	00:41.2	
		BB2	ISDR 185	0	0	4	2		45.17	27.56		DN0075/42	1			
		POST ACQUISITION														
11H157/608	18:05:53	SINGLE	47.5/ 50.0	10	.12	4/3	1	2	REC/UH	16K	4	288.7/16.5	227/-19	096/06:55:00	00:05.6	
		SUN	ISDR 20	0	0	2	1		35.33	23.58		DN0075/43	1			
		PM SUN DIODE														
11H158/609	14:55:18	SINGLE	127.5/140.0	0	.04	5/2	1	4	REC/UH	16K	6	278.4/58.2	216/-61	097/04:24:00	01:07.9	
		BB4	SDR 315	314	1	0	0		167.76	27.10		DN0075/44	1			
		F/C11A250/031 REPRO														
11H159/609	15:26:36	SINGLE	155.0/170.0	-10	.04	5/2	1	4	REC/UH	16K	6	279.7/51.2	218/-54	097/04:55:18	01:21.2	
		BB4	SDR 369	0	0	7	2		138.45	30.49		DN0075/45	1			
		F/C11A251/031 REPRO														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H160/611 07:37:54	SINGLE	80.0/100.0	0	.04	5/2	1	4	REC/UH	16K	-15	73.5/24.5	12/-22	098/22:25:46	01:47.9	
	BB4	SDR	504	501	3	0	0	103.86	29.94		DN0075/46	1			
	F/C A164/027 REPRO.														
11H161/611 07:52:32	SINGLE	252.5/280.0	0	.04	5/2	1	4	REC/UH	16K	-15	74.4/27.7	13/-25	098/22:40:24	02:27.9	
	BB4	ISDR	691	689	2	0	0	118.95	56.37		DN0076/01	1			
	F/C A156/027 REPRO.														
11H162/611 08:09:36	COLOR	222.5/225.0	-30	.12	1/1	1	4	REC/UH	16K	-13	75.4/31.4	14/-28	098/22:57:28	00:14.5	
	BLU	SDR	21	0	0	1	1	44.79	25.07		DN0076/02	1			
	GRN	SDR	21	0	0	1	1	53.51	29.81		DN0076/03	1			
	RED	SDR	20	0	0	2	1	63.96	29.78		DN0076/04	1			
	PHOTOM.REPRO./A190														
11H163/611 08:13:36	IR	222.5/225.0	-30	.12	9/1	1	4	REC/UH	16K	-13	75.7/32.3	15/-29	098/23:01:28	00:14.5	
	IR3	SDR	21	0	0	1	1	53.19	40.19		DN0076/05	1			
	IR2	SDR	21	0	0	1	1	54.16	40.91		DN0076/06	1			
	IR1	SDR	20	0	0	2	1	55.81	24.92		DN0076/07	1			
	PHOTOM.REPRO./A192														
11H164/611 08:14:49	SINGLE	230.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	-13	75.7/32.6	15/-29	098/23:02:41	00:54.5	
	BB1	SDR	252	251	1	0	0	55.72	20.58		DN0076/08	1			
	PRE-MONO SANDY FLAT														
11H165/611 08:21:36	COLOR	300.0/302.5	-10	.12	1/1	1	4	REC/UH	16K	-13	76.1/34.0	15/-31	098/23:09:28	00:14.5	
	BLU	SDR	21	0	0	1	1	82.24	41.49		DN0076/09	1			
	GRN	SDR	21	0	0	1	1	99.90	46.43		DN0076/10	1			
	RED	SDR	20	0	0	2	1	106.01	38.38		DN0076/11	1			
	PHOTOM.REPRO./A195														
11H166/611 08:23:36	IR	300.0/302.5	-10	.12	9/1	1	4	REC/UH	16K	-12	76.2/34.5	15/-31	098/23:11:28	00:14.5	
	IR3	SDR	21	0	0	1	1	68.75	21.20		DN0076/12	1			
	IR2	SDR	21	0	0	1	1	70.74	22.14		DN0076/13	1			
	IR1	SDR	21	0	0	1	1	84.23	28.06		DN0076/14	1			
	PHOTOM.REPRO./A196														
11H167/611 09:57:07	IR	35.0/ 40.0	-10	.12	9/1	1	4	REC/UH	16K	-8	80.7/55.1	21/-52	099/00:44:59	00:27.9	
	IR3	SDR	42	0	0	1	1	97.92	39.76		DN0076/15	1			
	IR2	SDR	41	0	0	2	1	100.84	40.56		DN0076/16	1			
	IR1	SDR	41	0	0	2	1	118.15	46.07		DN0076/17	1			
	MONITOR RTC #1, IR														
11H168/611 09:59:07	COLOR	35.0/ 40.0	-10	.12	1/1	1	4	REC/UH	16K	-8	80.8/55.6	21/-52	099/00:46:59	00:27.9	
	BLU	SDR	42	0	0	1	1	110.56	42.06		DN0076/18	1			
	GRN	SDR	41	0	0	2	1	130.38	46.88		DN0076/19	1			
	RED	SDR	41	0	0	2	1	140.10	49.00		DN0076/20	1			
	MONITOR RTC #1, CLR														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H169/611	12:12:39	IR	222.5/225.0	-30	.12	9/1	1	4	REC/UH	16K	0	75.9/85.2	25/-82	099/03:00:31	00:14.5	
		IR3	SDR	21	0	0	1	1	100.81	29.60		DN0076/21	1			
		IR2	SDR	21	0	0	1	1	104.61	31.19		DN0076/22	1			
		IR1	SDR	20	0	0	2	1	127.61	34.15		DN0076/23	1			
		PHOTOM.REPRO./A204														
11H170/611	12:20:18	COLOR	222.5/225.0	-30	.12	1/1	1	4	REC/UH	16K	0	69.2/86.8	25/-84	099/03:08:10	00:14.5	
		BLU	SDR	21	0	0	1	1	82.48	32.56		DN0076/24	1			
		GRN	SDR	21	0	0	1	1	108.76	35.36		DN0076/25	1			
		RED	SDR	20	0	0	2	1	144.15	34.08		DN0076/26	1			
		PHOTOM.REPRO./A203														
11H171/611	12:26:17	COLOR	300.0/302.5	-10	.12	1/1	1	4	REC/UH	16K	0	55.6/88.0	24/-85	099/03:14:09	00:14.5	
		BLU	SDR	21	0	0	1	1	102.71	45.63		DN0076/27	1			
		GRN	SDR	21	0	0	1	1	129.32	50.50		DN0076/28	1			
		RED	SDR	20	0	0	2	1	148.71	41.46		DN0076/29	1			
		PHOTOM.REPRO./A207														
11H172/611	12:29:15	IR	300.0/302.5	-10	.12	9/1	1	4	REC/UH	16K	0	40.6/88.5	24/-86	099/03:17:07	00:14.5	
		IR3	SDR	21	0	0	1	1	100.63	27.19		DN0076/30	1			
		IR2	SDR	21	0	0	1	1	105.15	28.68		DN0076/31	1			
		IR1	SDR	20	0	0	2	1	126.29	33.40		DN0076/32	1			
		PHOTOM.REPRO./A208														
11H173/611	15:12:08	SINGLE	142.5/145.0	0	.04	5/2	1	4	REC/UH	16K	6	279.4/54.5	217/-57	099/06:00:00	00:14.5	
		BB4	SDR	65	64	1	0	0	156.54	32.65		DN0076/33	1			
		MON. LNDR. MOVEMENT														
11H174/611	15:13:38	SINGLE	260.0/262.5	0	.04	5/2	1	4	REC/UH	16K	6	279.4/54.2	217/-57	099/06:01:30	00:14.5	
		BB4	SDR	65	64	1	0	0	154.98	21.91		DN0076/34	1			
		MON. LNDR. MOVEMENT														
11H175/611	16:09:54	COLOR	222.5/225.0	-30	.12	1/1	1	4	REC/UH	16K	6	282.0/41.7	220/-44	099/06:57:46	00:14.5	
		BLU	SDR	21	0	0	1	1	80.53	30.09		DN0076/35	1			
		GRN	SDR	21	0	0	1	1	100.25	44.68		DN0076/36	1			
		RED	SDR	20	0	0	2	1	121.84	56.43		DN0076/37	1			
		PHOTOM.REPRO./A213														
11H176/611	16:12:55	IR	222.5/225.0	-30	.12	9/1	1	4	REC/UH	16K	6	282.2/41.0	220/-44	099/07:00:47	00:14.5	
		IR3	SDR	21	0	0	1	1	84.07	38.48		DN0076/38	1			
		IR2	SDR	20	0	0	2	1	87.95	40.50		DN0076/39	1			
		IR1	SDR	20	0	0	2	1	104.49	49.03		DN0076/40	1			
		PHOTOM.REPRO./A214														
11H177/611	16:15:56	COLOR	300.0/302.5	-10	.12	1/1	1	4	REC/UH	16K	8	282.3/40.4	220/-43	099/07:03:48	00:14.5	
		BLU	SDR	21	0	0	1	1	87.21	43.21		DN0076/41	1			
		GRN	SDR	21	0	0	1	1	104.12	50.66		DN0076/42	1			
		RED	SDR	20	0	0	2	1	108.36	45.55		DN0076/43	1			
		PHOTOM.REPRO./A215														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H178/611 16:17:57	IR	300.0/302.5	-10	.12	9/1	1	4	REC/UH	16K	8	282.4/39.9	220/-42	099/07:05:49	00:14.5	
	IR3	SDR 21	0	0	1	1		78.74	28.32		DN0076/44	1			
	IR2	SDR 21	0	0	1	1		81.39	30.25		DN0076/45	1			
	IR1	SDR 21	0	0	1	1		94.38	35.31		DN0076/46	1			
	PHOTOM.REPRO./A216														
12H179/611 16:54:43	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	8	284.4/31.9	47/-34	099/07:42:36	00:54.5	
	BB2	SDR 253	251	2	0	0		81.69	20.94		DN0076/47	1			
	PRE-MONO ROCKY FLAT														
11H180/611 17:41:02	COLOR	222.5/225.0	-30	.12	1/1	1	4	REC/UH	16K	6	287.2/21.8	225/-24	099/08:28:55	00:14.5	
	BLU	SDR 21	0	0	1	1		61.57	25.76		DN0076/48	1			
	GRN	SDR 21	0	0	1	1		70.43	37.15		DN0076/49	1			
	RED	SDR 20	0	0	2	1		65.99	44.44		DN0076/50	1			
	PHOTOM.REPRO./A225														
11H181/611 17:45:02	IR	222.5/225.0	-30	.12	9/1	1	4	REC/UH	16K	6	287.5/21.0	226/-24	099/08:32:55	00:14.5	
	IR3	SDR 21	0	0	1	1		55.00	26.94		DN0076/51	1			
	IR2	SDR 21	0	0	1	1		55.09	28.38		DN0076/52	1			
	IR1	SDR 21	0	0	1	1		59.94	36.19		DN0076/53	1			
	PHOTOM.REPRO./A227														
11H182/611 17:52:02	COLOR	300.0/302.5	-10	.12	1/1	1	4	REC/UH	16K	6	288.0/19.5	226/-22	099/08:39:55	00:14.5	
	BLU	SDR 21	0	0	1	1		69.73	35.48		DN0076/54	1			
	GRN	SDR 21	0	0	1	1		79.53	39.06		DN0076/55	1			
	RED	SDR 21	0	0	1	1		72.41	31.82		DN0076/56	1			
	PHOTOM.REPRO./A230														
11H183/611 17:54:02	IR	300.0/302.5	-10	.12	9/1	1	4	REC/UH	16K	6	288.1/19.0	226/-22	099/08:41:55	00:14.5	
	IR3	SDR 21	0	0	1	1		54.84	17.77		DN0076/57	1			
	IR2	SDR 21	0	0	1	1		56.20	18.62		DN0076/58	1			
	IR1	SDR 20	0	0	2	1		61.39	22.94		DN0076/59	1			
	PHOTOM.REPRO./A231														
11H184/611 18:32:07	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	6	290.9/10.9	229/-13	099/09:20:00	00:14.5	
	SUN	SDR 66	64	2	0	0		56.90	4.43		DN0077/01	1			
	PM DAILY SUN DIODE														
11H185/612 06:07:32	SINGLE	185.0/187.5	10	.04	4/2	1	0	REC/UH	16K	-17	66.9/ 5.3	5/- 3	099/21:34:59	00:14.5	
	SUN	SDR 65	64	1	0	0		117.27	6.25		DN0077/02	1			
	AM DAILY SUN DIODE														
12H186/612 08:12:32	SINGLE	35.0/ 42.5	-30	.04	0/2	1	4	REC/UH	16K	-13	75.5/32.0	199/-29	099/23:39:59	00:41.2	
	BB2	SDR 191	189	2	0	0		45.61	16.34		DN0077/03	1			
	STEREO SANDY FLATS														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA-TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H187/612	08:14:32	SINGLE	230.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	-13	75.6/32.5	15/-29	099/23:41:59	00:54.5	
		BB1	SDR 253	251	2	0	0		54.58	23.13		DN0077/04	1			
		STEREO SANDY FLATS														
11H188/612	16:52:32	SINGLE	282.5/292.5	-30	.04	0/2	1	4	REC/UH	16K	6	284.4/32.2	223/-35	100/08:20:00	00:54.5	
		BB2	SDR 253	251	2	0	0		75.47	27.09		DN0077/05	1			
		STEREO ROCKY FLATS														
12H189/612	16:54:32	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	8	284.5/31.7	47/-34	100/08:22:00	00:54.5	
		BB2	SDR 253	251	2	0	0		77.07	32.21		DN0077/06	1			
		STEREO ROCKY FLATS														
11H190/612	18:32:32	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	4	291.0/10.8	229/-13	100/10:00:00	00:14.5	
		SUN	SDR 62	0	0	2	1		57.34	3.75		DN0077/07	1			
		PM DAILY SUN DIODE														
12H191/613	07:13:21	SINGLE	35.0/ 42.5	-30	.04	0/2	1	4	REC/UH	16K	-15	71.8/19.3	194/-16	100/23:20:24	00:41.2	
		BB2	SDR 187	0	0	2	1		52.03	20.16		DN0077/08	1			
		POST SANDY FLATS														
11H192/613	07:15:21	SINGLE	230.0/240.0	-40	.04	8/2	1	4	REC/UH	16K	-15	71.9/19.7	11/-17	100/23:22:24	00:54.5	
		BB1	SDR 247	0	0	4	1		37.80	13.34		DN0077/09	1			
		POST SANDY FLATS														
11H193/614	19:42:18	COLOR	212.5/262.5	10	.12	1/1	1	1	RT/UH	16K	0	297.2/- 3	235/	102/12:28:56	04:27.0	
		BLU	SDR 416	0	0	2	2		72.12	18.23		DN0077/10	1			
		GRN	SDR 416	0	0	2	1		72.63	5.89		DN0077/11	1			
		RED	SDR 416	0	0	2	1		76.14	3.28		DN0077/12	1			
		SUNSET PHOBOS IN SKY														
11H194/615	06:08:47	SINGLE	185.0/187.5	10	.04	4/2	1	0	REC/UH	16K	-19	66.9/ 5.8	5/- 3	102/23:35:00	00:14.5	
		SUN	SDR 65	64	1	0	0		119.37	7.07		DN0077/13	1			
		AM DAILY SUN DIODE														
12H195/615	11:54:41	COLOR	285.0/290.0	-20	.12	1/1	1	4	REC/UH	16K	-2	79.2/81.4	208/-78	103/05:20:55	00:27.9	
		BLU	SDR 42	0	0	1	1		109.22	56.78		DN0077/14	1			
		GRN	SDR 41	0	0	2	1		116.92	57.42		DN0077/15	1			
		RED	SDR 41	0	0	2	1		142.35	67.05		DN0077/16	1			
		F/C A167/028 REPRO.														
12H196/615	11:58:18	COLOR	75.0/135.0	-30	.12	1/1	1	4	REC/UH	16K	-2	78.5/82.2	208/-79	103/05:24:32	05:21.2	
		BLU	SDR 500	0	0	1	1		88.10	23.43		DN0077/17	1			
		GRN	SDR 500	0	0	1	1		100.03	24.80		DN0077/18	1			
		RED	SDR 500	0	0	1	1		134.93	30.68		DN0077/19	1			
		F/C A168/028 REPRO.														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL'	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12H197/615 12:12:04	IR	285.0/290.0	-20	.12	9/1	1	4	REC/UH	16K	0	72.6/85.3	207/-82	103/05:38:18	00:27.9	
	IR3	SDR	42	0	0	1	1	98.62	41.23		DN0077/20	1			
	IR2	SDR	41	0	0	2	1	98.00	40.84		DN0077/21	1			
	IR1	SDR	41	0	0	2	1	117.90	52.33		DN0077/22	1			
	F/C A169/028 REPRO.														
12H198/615 12:15:48	IR	75.0/135.0	-30	.12	9/1	1	4	REC/UH	16K	2	69.3/86.0	207/-83	103/05:42:02	05:21.2	
	IR3	ISDR	499	0	0	2	1	91.27	19.69		DN0077/23	1			
	IR2	ISDR	498	0	0	3	2	90.33	20.01		DN0077/24	1			
	IR1	ISDR	499	0	0	2	1	112.72	25.08		DN0077/25	1			
	F/C A170/028 REPRO.														
11H199/615 18:33:46	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	4	291.3/10.4	230/-13	103/11:59:59	00:14.5	
	SUN	SDR	66	64	2	0	0	58.02	8.15		DN0077/26	1			
	PM DAILY SUN DIODE														
11H200/616 07:14:11	SINGLE	282.5/292.5	-30	.04	0/2	1	4	REC/UH	16K	-17	71.7/19.7	10/-17	104/01:20:00	00:54.5	
	BB2	SDR	253	251	2	0	0	46.44	16.81		DN0077/27	1			
	POST ROCKY FLATS														
12H201/616 08:13:46	SINGLE	182.5/217.5	0	.04	5/2	1	4	REC/UH	16K	-13	75.3/32.6	198/-30	104/02:19:35	03:07.8	
	BB4	SDR	877	876	2	1	1	135.28	17.68		DN0077/28	1			
	F/C A116/020 REPRO.														
11H202/616 15:13:11	SINGLE	170.0/200.0	-10	.04	5/2	1	4	REC/UH	16K	4	280.0/53.9	218/-56	104/09:18:59	02:41.2	
	BB4	ISDR	744	0	0	7	3	155.50	23.94		DN0077/29	1			
	F/C A143/025 REPRO.														
11H203/616 15:42:57	SINGLE	157.5/187.5	-30	.04	0/2	1	4	REC/UH	16K	6	281.2/47.3	219/-50	104/09:48:45	02:41.2	
	BB2	SDR	752	751	1	0	0	101.13	41.72		DN0077/30	1			
	F/C A144/025 REPRO.														
12H204/618 07:15:00	SINGLE	85.0/ 95.0	-30	.04	0/2	1	4	REC/UH	16K	-17	71.7/20.0	194/-17	106/02:39:59	00:54.5	
	BB2	SDR	252	251	1	0	0	39.15	12.91		DN0077/31	1			
	POST ROCKY FLATS														
12H205/618 07:40:53	SINGLE	155.0/182.5	-10	.04	13/2	1	4	REC/UH	16K	-15	73.3/25.6	196/-23	106/03:05:52	02:27.9	
	BB3	SDR	690	689	1	0	0	102.01	18.71		DN0077/32	1			
	F/C A107/018 REPRO.														
12H206/618 08:21:03	SINGLE	227.5/285.0	0	.04	5/2	1	4	REC/UH	16K	-12	75.6/34.3	199/-31	106/03:46:02	05:07.8	
	BB4	SDR	1441	1439	2	0	0	134.85	28.46		DN0077/33	2			
	F/C A125/021 REPRO.														
11H207/618 15:23:42	SINGLE	202.5/230.0	-10	.04	13/2	1	4	REC/UH	16K	6	280.6/51.5	218/-54	106/10:48:41	02:27.9	
	BB3	SDR	686	0	0	3	1	166.90	18.90		DN0077/34	1			
	F/C A127/021 REPRO.														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12H208/618 15:32:06	SINGLE BB3 F/C A119/020 REPRO.	75.0/117.5 SDR	-10 1064	.04 1064	13/2 1	1 1	4	REC/UH 126.38	16K 27.17	6	280.9/49.6 DN0077/35	43/-52 2	106/10:57:05	03:47.8	
11H209/619 06:05:25	SINGLE SUN AM DIURNAL SEQUENCE	185.0/187.5 SDR	10 66	.04 64	4/2 0	1 0	0	REC/UH 118.84	16K 7.66	-17	66.4/ 5.4 DN0077/36	5/- 3 1	107/02:09:59	00:14.5	
11H210/619 06:15:25	SINGLE SUN AM DIURNAL SEQUENCE	185.0/187.5 SDR	10 65	.04 64	4/2 0	1 0	1	REC/UH 62.42	16K 2.96	-17	67.3/ 7.5 DN0077/37	6/- 5 1	107/02:19:59	00:14.5	
11H211/619 06:45:25	SINGLE SUN AM DIURNAL SEQUENCE	187.5/190.0 SDR	20 66	.04 64	4/2 0	1 0	1	REC/UH 63.35	16K 9.84	-17	69.6/13.8 DN0077/38	8/-11 1	107/02:49:59	00:14.5	
11H212/619 07:30:40	SINGLE BB3 F/C A111/019 REPRO.	40.0/ 60.0 ISDR	-10 503	.04 501	13/2 2	1 0	4	REC/UH 87.56	16K 32.53	-15	72.6/23.4 DN0077/39	11/-20 1	107/03:35:14	01:47.9	
11H213/619 07:40:25	SINGLE SUN AM DIURNAL SEQUENCE	192.5/195.0 SDR	30 62	.04 0	4/2 2	1 1	2	REC/UH 34.58	16K 4.97	-15	73.2/25.5 DN0078/01	12/-23 1	107/03:44:59	00:14.5	
11H214/619 07:46:44	SINGLE BB3 F/C A097/014 REPRO.	215.0/252.5 SDR	-10 934	.04 0	13/2 5	1 1	4	REC/UH 63.16	16K 30.78	-15	73.6/26.9 DN0078/02	13/-24 2	107/03:51:18	03:21.2	
11H215/619 08:20:56	SINGLE BB4 F/C A129/022 REPRO.	100.0/155.0 ISDR	0 1376	.04 1376	5/2 1	1 1	4	REC/UH 148.65	16K 51.17	-12	75.6/34.3 DN0078/03	15/-31 2	107/04:25:30	04:54.5	
11H216/619 08:26:35	SINGLE SUN AM DIURNAL SEQUENCE	195.0/197.5 SDR	40 65	.04 64	4/2 0	1 0	3	REC/UH 35.17	16K 25.14	-12	75.9/35.5 DN0078/04	15/-32 1	107/04:31:09	00:14.5	
11H217/619 18:30:01	SINGLE SUN PM DIURNAL SEQUENCE	50.0/ 52.5 SDR	20 65	.04 64	4/2 0	1 0	1	REC/UH 59.24	16K 3.46	4	291.3/11.1 DN0078/05	230/-14 1	107/14:34:35	00:14.5	
12H218/620 15:10:40	SINGLE BB4 MONITOR DUNE	75.0/ 85.0 SDR	-10 254	.04 251	5/2 0	1 0	4	RT/UH 141.75	16K 24.98	6	280.3/54.3 DN0078/06	42/-57 1	108/11:54:49	00:54.0	
11H219/621 06:06:13	SINGLE SUN AM DAILY SUN DIODE	185.0/187.5 SDR	10 69	.04 64	4/2 0	1 0	0	REC/UH 117.49	16K 6.86	-17	66.4/ 5.7 DN0078/07	5/- 3 1	109/03:29:58	00:14.5	

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN	MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED		GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H220/621	18:31:14	SINGLE	50.0/ 52.5	20	.04	4/2	1	1		REC/UH	16K	4	291.5/10.8	230/-13	109/15:54:59	00:14.5	
		SUN	SDR 68	64	4	0	0			60.72	12.58		DN0078/08	1			
		PM DAILY SUN DIODE															
11H221/623	10:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4		REC/UH	16K	-6	80.4/63.0	21/-60	111/09:12:55	00:10.1	
		BB1	SDR 45	43	2	0	0			79.43	55.07		DN0078/09	1			
		SCAN VER & CAL-CAM1															
11H222/623	10:30:09	SINGLE	170.0/170.0	-40		/7				REC/UH	16K	-6	80.4/63.0	21/-60	111/09:13:05	00:18.0	
		CAL	SDR 84	0	0	0	0			.00	.00		DN0078/10	1			
		SCAN VER & CAL-CAM2															
12H223/623	12:59:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4		REC/UH	16K	2	286.3/83.1	49/-86	111/11:42:55	00:10.1	
		BB1	SDR 48	43	5	0	0			84.95	65.13		DN0078/11	1			
		MON. LNDR. MOVEMENT															
12H224/623	13:00:09	SINGLE	170.0/170.0	-40		/7				REC/UH	16K	2	286.2/83.1	49/-86	111/11:43:05	00:18.0	
		CAL	SDR 84	0	0	0	0			.00	.00		DN0078/12	1			
		CALIBRATION FRAME															
11H225/623	15:09:34	SINGLE	142.5/145.0	0	.04	5/2	1	4		RE./UH	16K	4	280.5/54.4	218/-57	111/13:52:30	00:14.5	
		BB4	SDR 68	64	4	0	0			155.13	32.24		DN0078/13	1			
		MON. LNDR. MOVEMENT															
11H226/623	15:11:34	SINGLE	260.0/262.5	0	.04	5/2	1	4		REC/UH	16K	4	280.6/54.0	218/-57	111/13:54:30	00:14.5	
		BB4	SDR 68	64	4	0	0			153.12	21.84		DN0078/14	1			
		MONITOR DUNE															
12H227/623	18:57:04	SINGLE	75.0/ 80.0	-10	.04	5/2	1	2		REC/UH	16K	2	293.7/ 5.4	56/- 8	111/17:39:59	00:27.9	
		BB4	SDR 122	0	0	4	1			109.78	17.75		DN0078/15	1			
		MON. LNDR. MOVEMENT															
11H228/624	14:32:10	SINGLE	260.0/265.0	0	.04	5/2	1	4		REC/UH	16K	4	279.6/62.7	217/-65	112/13:54:41	00:27.9	
		BB4	SDR 127	126	1	0	0			152.26	25.37		DN0078/16	1			
		F/C A066/008 REPRO.															
11H229/625	14:35:15	SINGLE	272.5/300.0	-20	.04	13/2	1	4		REC/UH	16K	4	279.8/61.9	217/-64	113/14:37:20	02:27.9	
		BB3	ISDR 687	0	0	2	1			127.24	31.72		DN0078/17	1			
		F/C A017/003 REPRO.															
11H230/627	06:13:43	SINGLE	185.0/187.5	10	.04	4/2	1	1		REC/UH	16K	-17	66.9/ 7.6	5/- 5	115/07:35:00	00:14.5	
		SUN	SDR 64	64	1	1	1			62.29	2.91		DN0078/18	1			
		AM SUN DIODE															
11H231/627	12:11:18	COLOR	197.5/217.5	-30	.12	1/1	1	4		REC/UH	16K	0	63.7/85.4	18/-82	115/13:32:34	01:47.9	
		BLU	SDR 165	0	0	3	1			86.85	40.56		DN0078/19	1			
		GRN	SDR 165	0	0	3	1			108.83	43.26		DN0078/20	1			
		RED	SDR 165	0	0	3	1			141.30	46.04		DN0078/21	1			
		F/C A040/006 REPRO.															

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H232/627 18:18:44	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	4	291.0/13.2	229/-16	115/19:40:00	00:14.5	
	SUN	SDR 66	64	2	0	0		58.62	10.57		DN0078/22	1			
	PM SUN DIODE														
11H233/628 06:14:08	SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	-17	66.9/ 7.8	5/- 5	116/08:14:59	00:05.6	
	SUN	SDR 24	22	2	0	0		72.78	24.28		DN0078/23	1			
	AM SUN DIODE														
11H234/638 06:18:15	SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	-17	67.1/ 9.1	5/- 6	126/14:54:59	00:05.6	
	SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0078/24	1			
	NOT RECEIVED														
11H235/638 18:18:16	SINGLE	50.0/ 52.5	10	.12	4/3	1	1	REC/UH	16K	12	291.4/13.0	230/-16	127/02:55:00	00:05.6	
	SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0078/25	1			
	NOT RECEIVED														
11H236/639 06:18:40	SINGLE	185.0/187.5	10	.04	4/2	1	1	REC/UH	16K	-19	67.1/ 9.2	6/- 6	127/15:34:59	00:14.5	
	SUN	SDR 65	64	1	0	0		62.96	3.01		DN0078/26	1			
	AM SUN DIODE														
11H237/639 13:15:00	SINGLE	265.0/275.0	-20	.04	0/2	1	4	REC/UH	16K	2	284.7/79.1	223/-82	127/22:31:19	00:54.5	
	BB2	ISDR 247	0	0	4	1		130.01	37.21		DN0078/27	1			
	B/H TD ROCKY FLATS														
11H238/639 13:50:00	SINGLE	265.0/275.0	-20	.04	0/2	1	4	REC/UH	16K	2	281.2/71.4	219/-74	127/23:06:19	00:54.5	
	BB2	SDR 253	251	2	0	0		126.29	40.02		DN0078/28	1			
	B/H TD ROCKY FLATS														
11H239/639 18:18:40	SINGLE	50.0/ 52.5	20	.04	4/2	1	1	REC/UH	16K	4	291.5/12.9	230/-15	128/03:35:00	00:14.5	
	SUN	ISDR 62	0	0	2	1		57.21	4.50		DN0078/29	1			
	PM SUN DIODE														
11H240/641 15:36:55	SINGLE	230.0/250.0	-10	.04	5/2	1	4	REC/UH	16K	6	282.6/47.7	221/-50	130/02:12:25	01:47.9	
	BB4	ISDR 502	501	1	0	0		153.58	23.82		DN0078/30	1			
	F/C A077 REPRO														
11H241/642 06:09:55	SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	-17	66.4/ 7.6	5/- 5	130/17:25:00	00:05.6	
	SUN	SDR 23	22	1	0	0		62.81	4.20		DN0078/31	1			
	AM SUN DIODE														
11H242/642 06:24:55	SINGLE	182.5/190.0	-50	.04	14/2	1	4	REC/UH	16K	-17	67.5/10.7	6/- 8	130/17:40:00	00:41.2	
	SURV	SDR 190	189	1	0	0		27.16	5.43		DN0078/32	1			
	FOOTPAD #2														
11H243/642 18:39:54	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	4	293.2/ 8.4	231/-11	131/05:54:59	00:14.5	
	SUN	SDR 65	64	1	0	0		59.12	2.14		DN0078/33	1			
	PM SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11H244/645 06:11:08	SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	-17	66.5/ 7.9	5/- 5	133/19:24:59	00:05.6	
	SUN	SDR 23	22	1	0	0		64.68	3.92		DN0078/34	1			
	AM SUN DIODE														
11H245/645 18:41:07	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	4	293.4/ 8.0	232/-11	134/07:54:58	00:14.5	
	SUN	ISDR 65	64	1	0	0		60.47	3.10		DN0078/35	1			
	PM SUN DIODE														
11H246/647 18:41:59	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	2	293.5/ 7.8	232/-10	136/09:15:00	00:14.5	
	SUN	SDR 64	64	1	1	1		59.85	2.94		DN0078/36	1			
	PM SUN DIODE														
11H247/648 03:07:23	SINGLE	245.0/247.5	40	.04	1/2	1	0	REC/UH	16K	-15	44.8/-26	342/ 27	136/18:20:00	00:14.5	
	BLU	SDR 65	64	1	0	0		122.45	35.43		DN0078/37	1			
	PHOBOS														
11H248/648 08:57:23	SINGLE	195.0/197.5	40	.04	4/2	1	3	REC/UH	16K	-12	76.4/43.6	16/-41	137/00:09:59	00:14.5	
	SUN	SDR 65	64	1	0	0		28.65	21.27		DN0078/38	1			
	AM SUN DIODE														
11H249/648 18:37:23	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	2	293.2/ 8.7	231/-11	137/09:50:00	00:14.5	
	SUN	SDR 65	64	1	0	0		59.12	3.14		DN0078/39	1			
	PM SUN DIODE														
11H250/649 00:54:47	SINGLE	237.5/240.0	30	.04	1/2	1	0	REC/UH	16K	-13	14.4/-41	310/ 41	137/16:46:58	00:14.5	
	BLU	SDR 65	64	1	0	0		132.78	35.14		DN0078/40	1			
	PHOBOS														
11H251/649 06:12:46	SINGLE	185.0/187.5	10	.04	4/2	1	1	REC/UH	16K	-17	66.6/ 8.4	5/- 6	137/22:04:58	00:14.5	
	SUN	SDR 65	64	1	0	0		62.80	3.05		DN0078/41	1			
	AM SUN DIODE														
11H252/649 18:37:39	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	2	293.2/ 8.6	231/-11	138/10:29:51	00:14.5	
	SUN	SDR 65	64	1	0	0		57.50	3.75		DN0078/42	1			
	PM SUN DIODE														
11H253/649 23:02:47	SINGLE	240.0/242.5	40	.04	1/2	1	1	REC/UH	16K	-12	331.2/-37	268/ 34	138/14:54:59	00:14.5	
	BLU	SDR 64	64	1	1	1		67.13	17.61		DN0078/43	1			
	PHOBOS														
11H254/650 08:43:13	SINGLE	195.0/197.5	40	.04	4/2	1	3	REC/UH	16K	-12	75.8/40.6	15/-38	139/01:15:00	00:14.5	
	SUN	SDR 65	64	1	0	0		27.18	16.38		DN0078/44	1			
	AM SUN DIODE														
11H255/650 18:38:13	SINGLE	52.5/ 55.0	20	.04	4/2	1	1	REC/UH	16K	2	293.3/ 8.5	232/-11	139/11:10:00	00:14.5	
	SUN	SDR 62	0	0	2	1		59.13	2.40		DN0078/45	1			
	PM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I000/650	20:53:12	SINGLE	232.5/235.0	30	.04	1/2	1	1	REC/UH	16K	-6	307.3/-17	245/ 15	139/13:24:59	00:14.5	
		BLU	SDR 65	64	1	0	0		59.91	16.97		DN0078/46	1			
		PHOBOS														
11I001/651	06:13:38	SINGLE	185.0/187.5	10	.04	4/2	1	1	REC/UH	16K	-17	66.7/ 8.7	5/- 6	139/23:25:00	00:14.5	
		SUN	SDR 62	0	0	2	1		62.21	2.97		DN0078/47	1			
		AM SUN DIODE														
11I002/651	16:43:37	SINGLE	45.0/ 47.5	40	.04	4/2	1	3	REC/UH	16K	6	285.9/32.8	224/-35	140/09:55:00	00:14.5	
		SUN	SDR 62	0	0	2	1		36.85	26.91		DN0078/48	1			
		PM SUN DIODE														
11I003/651	18:22:37	COLOR	150.0/202.5	-20	.12	1/1	1	3	RT/UH	16K	4	292.1/11.7	230/-14	140/11:34:00	04:40.0	
		BLU	ISDR 437	0	0	2	1		63.62	45.22		DN0078/49	1			
		GRN	ISDR 436	0	0	3	1		74.25	50.54		DN0078/50	1			
		RED	ISDR 436	0	0	3	1		79.25	42.40		DN0078/51	1			
		LATE AFTERNOON CLR														
11I004/652	04:19:02	SINGLE	250.0/252.5	40	.04	1/2	1	0	REC/UH	16K	-17	55.4/-13	353/ 15	140/22:10:00	00:14.5	
		BLU	ISDR 65	64	1	0	0		108.95	35.47		DN0079/01	1			
		PHOBOS														
11I005/652	05:49:02	SINGLE	182.5/185.0	10	.04	4/2	1	0	REC/UH	16K	-17	64.7/ 3.7	3/- 1	140/23:40:00	00:14.5	
		SUN	SDR 65	64	1	0	0		120.80	6.51		DN0079/02	1			
		AM SUN DIODE														
12I006/652	05:51:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	-17	64.8/ 4.1	187/- 1	140/23:42:00	00:27.9	
		BB4	ISDR 127	126	1	0	0		33.54	12.04		DN0079/03	1			
		PHOTO-BRIGHT DRIFT														
11I007/652	06:14:02	SINGLE	185.0/187.5	10	.04	4/2	1	1	REC/UH	16K	-17	66.7/ 8.8	5/- 6	141/00:05:00	00:14.5	
		SUN	SDR 65	64	1	0	0		62.45	3.27		DN0079/04	1			
		AM SUN DIODE														
12I008/652	06:16:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	-17	66.9/ 9.2	189/- 6	141/00:07:00	00:27.9	
		BB4	SDR 127	126	1	0	0		47.95	22.96		DN0079/05	1			
		PHOTO-BRIGHT DRIFT														
11I009/652	06:44:02	SINGLE	187.5/190.0	20	.04	4/2	1	2	REC/UH	16K	-17	69.0/15.1	8/-12	141/00:35:00	00:14.5	
		SUN	SDR 65	64	1	0	0		34.37	2.95		DN0079/06	1			
		AM SUN DIODE														
12I010/652	06:46:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	3	REC/UH	16K	-17	69.1/15.5	192/-13	141/00:37:00	00:27.9	
		BB4	SDR 127	126	1	0	0		65.17	21.94		DN0079/07	1			
		PHOTO-BRIGHT DRIFT														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN	/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I011/652 06:59:02	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	-17	70.0/18.2	9/-15	141/00:50:00	00:10.1	
	BB1	SDR 44	43	1	0	0		85.19	55.44		DN0079/08	1			
	SCAN VERIFICATION														
11I012/652 06:59:12	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	-15	70.0/18.3	9/-15	141/00:50:10	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0079/09	1			
	CALIBRATION FRAME														
11I013/652 07:19:02	SINGLE	190.0/192.5	20	.04	4/2	1	3	REC/UH	16K	-15	71.3/22.5	10/-20	141/01:10:00	00:14.5	
	SUN	SDR 65	64	1	0	0		29.85	18.02		DN0079/10	1			
	AM SUN DIODE														
12I014/652 07:21:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-15	71.4/22.9	194/-20	141/01:12:00	00:27.9	
	BB4	ISDR 129	126	3	0	0		50.96	26.62		DN0079/11	1			
	PHOTO-BRIGHT DRIFT														
11I015/652 07:54:02	SINGLE	192.5/195.0	30	.04	4/2	1	3	REC/UH	16K	-13	73.3/30.0	12/-27	141/01:45:00	00:14.5	
	SUN	SDR 65	64	1	0	0		32.47	22.17		DN0079/12	1			
	AM SUN DIODE														
12I016/652 07:56:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-13	73.4/30.4	196/-27	141/01:47:00	00:27.9	
	BB4	SDR 127	126	1	0	0		64.65	31.79		DN0079/13	1			
	PHOTO-BRIGHT DRIFT														
11I017/652 08:54:02	SINGLE	195.0/197.5	40	.04	4/2	1	3	REC/UH	16K	-10	76.2/43.0	16/-40	141/02:45:00	00:14.5	
	SUN	SDR 65	64	1	0	0		26.83	15.86		DN0079/14	1			
	AM SUN DIODE														
12I018/652 08:56:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-10	76.3/43.5	200/-40	141/02:47:00	00:27.9	
	BB4	SDR 127	126	1	0	0		88.38	36.94		DN0079/15	1			
	PHOTO-BRIGHT DRIFT														
12I019/652 10:29:02	SINGLE	75.0/ 80.0	-10	.04	5/2	1	4	REC/UH	16K	-4	78.8/64.0	203/-61	141/04:20:00	00:27.9	
	BB4	SDR 127	126	1	0	0		116.76	37.13		DN0079/16	1			
	PHOTO-BRIGHT DRIFT														
11I020/652 11:55:36	COLOR	217.5/237.5	-30	.12	1/1	1	4	REC/UH	16K	-2	67.7/82.9	17/-80	141/05:46:34	01:47.9	
	BLU	SDR 167	0	0	1	1		82.89	32.22		DN0079/17	1			
	GRN	SDR 166	0	0	2	1		109.35	35.67		DN0079/18	1			
	RED	SDR 166	0	0	2	1		144.68	35.35		DN0079/19	1			
	F/C A040 REPRO														
12I021/652 12:43:46	COLOR	147.5/175.0	-30	.12	1/1	1	4	REC/UH	16K	2	302.1/85.1	88/-87	141/06:34:44	02:27.9	
	BLU	SDR 228	0	0	2	1		87.43	34.91		DN0079/20	1			
	GRN	SDR 226	0	0	4	3		97.36	38.83		DN0079/21	1			
	RED	SDR 228	0	0	2	1		125.20	48.22		DN0079/22	1			
	F/C A071 REPRO														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I022/652	12:47:42	COLOR	95.0/115.0		-20 .12	1/1	1	5	REC/UH	16K	2	297.6/84.3	73/-87	141/06:38:40	01:47.9	
		BLU	SDR 167		0 0	1	1		56.35	22.30		DN0079/23	1			
		GRN	ISDR 167		0 0	1	1		60.55	18.56		DN0079/24	1			
		RED	ISDR 166		0 0	2	1		75.47	15.39		DN0079/25	1			
		F/C A006 REPRO														
12I023/652	12:59:02	SINGLE	75.0/ 80.0		-10 .04	5/2	1	4	REC/UH	16K	4	290.0/82.0	55/-85	141/06:50:00	00:27.9	
		BB4	ISDR 127		126 2	1	1		142.01	30.21		DN0079/26	1			
		PHOTO-BRIGHT DRIFT														
12I024/652	13:01:12	SINGLE	.0/ 5.0		0 .12	8/3	1	4	REC/UH	16K	4	289.0/81.5	53/-84	141/06:52:10	00:10.1	
		BB1	SDR 44		43 1	0	0		50.01	24.75		DN0079/27	1			
		SCAN VERIFICATION														
12I025/652	13:01:22	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	4	289.0/81.5	53/-84	141/06:52:20	00:18.0	
		CAL	SDR 84		0 0	0	0		.00	.00		DN0079/28	1			
		CALIBRATION FRAME														
12I026/652	13:04:02	COLOR	307.5/332.5		-30 .12	1/1	1	4	REC/UH	16K	4	288.0/80.9	52/-83	141/06:55:00	02:14.5	
		BLU	SDR 209		0 0	0	0		71.64	36.37		DN0079/29	1			
		GRN	SDR 208		0 0	1	1		75.26	38.88		DN0079/30	1			
		RED	SDR 208		0 0	1	1		91.16	48.88		DN0079/31	1			
		XRAY-FULL FUNNEL														
12I027/652	15:29:02	SINGLE	75.0/ 80.0		-10 .04	5/2	1	4	REC/UH	16K	6	282.6/49.0	45/-52	141/09:20:00	00:27.9	
		BB4	ISDR 128		126 2	0	0		145.15	21.89		DN0079/32	1			
		PHOTO-BRIGHT DRIFT														
11I028/652	16:39:02	SINGLE	45.0/ 47.5		40 .04	4/2	1	3	REC/UH	16K	6	285.7/33.7	224/-36	141/10:29:59	00:14.5	
		SUN	SDR 62		0 0	2	1		28.93	20.07		DN0079/33	1			
		PM SUN DIODE														
12I029/652	16:41:02	SINGLE	75.0/ 80.0		-10 .04	5/2	1	4	REC/UH	16K	6	285.8/33.3	48/-36	141/10:31:59	00:27.9	
		BB4	ISDR 125		0 0	1	1		130.36	18.62		DN0079/34	1			
		PHOTO-BRIGHT DRIFT														
12I030/652	17:09:02	SINGLE	230.0/232.5		30 .04	4/2	1	3	REC/UH	16K	8	287.3/27.3	50/-30	141/10:59:59	00:14.5	
		SUN	SDR 62		0 0	2	1		25.92	13.20		DN0079/35	1			
		PM SUN DIODE														
12I031/652	17:11:02	SINGLE	75.0/ 80.0		-10 .04	5/2	1	4	REC/UH	16K	6	287.4/26.8	50/-29	141/11:01:59	00:27.9	
		BB4	SDR 125		0 0	1	1		118.16	17.42		DN0079/36	1			
		PHOTO-BRIGHT DRIFT														
11I032/652	18:39:02	SINGLE	52.5/ 55.0		20 .04	4/2	1	1	REC/UH	16K	2	293.4/ 8.3	232/-11	141/12:29:59	00:14.5	
		SUN	ISDR 65		64 1	0	0		59.18	2.37		DN0079/37	1			
		PM SUN DIODE														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I033/652 18:41:02	SINGLE BB4 PHOTO-BRIGHT DRIFT	75.0/ 80.0 ISDR 129	-10 126	.04 3	5/2 0	1 0	3	REC/UH 81.47	16K 15.09	4	293.5/ 7.9 DN0079/38	56/-10 1	141/12:31:59	00:27.9	
11I034/653 02:04:26	SINGLE BLU PHOBOS	242.5/245.0 ISDR 65	40 64	.04 1	1/2 0	1 0	0	REC/UH 106.54	16K 34.97	-15	32.5/-35 DN0079/39	329/ 36 1	141/20:34:59	00:14.5	
12I035/653 06:29:26	SINGLE SUN AM SUN DIODE	10.0/ 12.5 ISDR 65	20 64	.04 1	4/2 0	1 0	1	REC/UH 58.66	16K 3.37	-17	67.9/12.0 DN0079/40	190/- 9 1	142/00:59:59	00:14.5	
12I036/653 07:24:08	SINGLE BB4 F/C A010 REPRO	65.0/127.5 ISDR 1565	-10 1564	.04 1	5/2 0	1 0	4	REC/UH 60.04	16K 26.03	-15	71.6/23.6 DN0079/41	194/-21 2	142/01:54:41	05:34.5	
11I037/653 08:33:22	SINGLE BB2 F/C A078 REPRO	210.0/250.0 ISDR 999	-30 0	.04 0	0/2 2	1 1	4	REC/UH 67.20	16K 23.40	-12	75.3/38.6 DN0079/42	15/-36 2	142/03:03:55	03:34.5	
11I038/653 08:38:14	SINGLE BB1 F/C A079 REPRO	182.5/200.0 ISDR 440	-50 439	.04 1	8/2 0	1 0	4	REC/UH 63.42	16K 27.88	-12	75.5/39.6 DN0079/43	15/-37 1	142/03:08:47	01:34.5	
12I039/653 16:21:13	SINGLE SURV F/C A002 REPRO	10.0/310.0 ISDR 2499	-10 0	.12 0	14/3 2	1 1	4	REC/UH 95.16	16K 45.10	6	284.8/37.6 DN0079/44	47/-40 4	142/10:51:45	08:54.5	
11I040/656 14:53:36	SINGLE BB2 DEEP HOLE #1	207.5/242.5 ISDR 937	-30 876	.04 61	0/2 0	1 0	4	RT/UH 139.20	16K 21.39	6	281.6/56.7 DN0079/45	219/-59 2	145/11:22:55	03:20.0	
11I041/660 06:19:59	SINGLE SUN AM SUN DIODE	185.0/187.5 ISDR 25	10 22	.12 3	4/3 0	1 0	1	REC/UH 65.56	16K 15.18	-17	67.3/10.3 DN0080/01	6/- 7 1	149/05:27:39	00:05.6	
11I042/660 14:59:59	SINGLE BB3 BIG JOE/DRIFTS	145.0/197.5 SDR 826	-10 1314	.04 1	13/2 489	1 1	4	REC/UH 158.31	16K 25.98	6	281.7/55.1 DN0080/02	220/-58 2	149/14:07:39	04:41.2	
12I043/660 17:05:59	SINGLE SUN PM SUN DIODE	230.0/232.5 SDR 23	10 22	.12 1	4/3 0	1 0	3	REC/UH 23.38	16K 3.72	8	287.2/27.6 DN0080/03	49/-30 1	149/16:13:39	00:05.6	
11I044/666 06:19:59	SINGLE SUN AM SUN DIODE	185.0/187.5 SDR 23	10 22	.12 1	4/3 0	1 0	1	REC/UH 63.26	16K 4.07	-15	67.5/10.5 DN0080/04	6/- 8 1	155/09:25:10	00:05.6	

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN	MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I045/666	12:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	0	327.2/87.1	338/-87	155/15:35:10	00:10.1		
		BB1	SDR 44	43	1	0	0			68.26	53.64		DN0080/05	1			
		SCAN VERIFICATION															
11I046/666	12:30:09	SINGLE	170.0/170.0	-40		/7				REC/UH	16K	0	326.6/87.1	337/-87	155/15:35:20	00:18.0	
		CAL	SDR 84	0	0	0	0			.00	.00		DN0080/06	1			
		CALIBRATION FRAME															
12I047/666	17:06:00	SINGLE	230.0/232.5	10	.12	4/3	1	3	REC/UH	16K	8	287.1/27.4	49/-30	155/20:11:11	00:05.6		
		SUN	SDR 23	22	1	0	0			23.45	4.16		DN0080/07	1			
		PM SUN DIODE															
11I048/672	06:25:59	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-17	68.1/11.8	7/- 9	161/13:28:42	00:05.6		
		SUN	SDR 24	22	2	0	0			63.46	4.01		DN0080/08	1			
		AM SUN DIODE															
11I049/672	10:29:59	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	-6	79.5/64.8	20/-62	161/17:32:42	02:14.5		
		BLU	SDR 209	0	0	0	0			113.14	45.99		DN0080/09	1			
		GRN	SDR 208	0	0	1	1			137.51	49.31		DN0080/10	1			
		RED	SDR 208	0	0	1	1			152.51	48.35		DN0080/11	1			
		LANDER TOP															
12I050/672	17:06:59	SINGLE	230.0/232.5	10	.12	4/3	1	3	REC/UH	16K	8	287.0/27.0	49/-30	162/00:09:41	00:05.6		
		SUN	SDR 24	22	2	0	0			23.37	3.66		DN0080/12	1			
		PM SUN DIODE															
11I051/678	06:25:59	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-15	68.4/11.9	7/- 9	167/17:26:13	00:05.6		
		SUN	SDR 20	0	0	2	1			63.07	4.06		DN0080/13	1			
		AM SUN DIODE															
11I052/678	07:59:59	SINGLE	30.0/ 62.5	0	.04	5/2	1	4	REC/UH	16K	-13	74.4/32.0	14/-29	167/19:00:13	02:54.5		
		BB4	ISDR 809	0	0	5	1			133.28	25.86		DN0080/14	1			
		RIDGES BEHIND S/C															
12I053/678	17:20:00	SINGLE	230.0/232.5	10	.12	4/3	1	3	REC/UH	16K	8	287.6/24.0	50/-26	168/04:20:14	00:05.6		
		SUN	SDR 23	22	1	0	0			23.60	5.33		DN0080/15	1			
		PM SUN DIODE															
11I054/684	06:23:59	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-17	68.6/11.6	7/- 9	173/21:21:45	00:05.6		
		SUN	SDR 23	22	1	0	0			64.94	3.71		DN0080/16	1			
		AM SUN DIODE															
12I055/684	16:38:59	SINGLE	237.5/287.5	10	.12	1/3	1	5	REC/UH	16K	6	285.0/32.6	47/-35	174/07:36:45	01:30.1		
		BLU	SDR 419	418	1	0	0			97.08	66.94		DN0080/17	1			
		PM SKY BRIGHTNESS															

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I056/684	16:46:59	SINGLE	227.5/230.0	10	.12	4/3	1	3	REC/UH	16K	8	285.4/30.8	48/-33	174/07:44:45	00:05.6	
		SUN	SDR 23	22	1	0	0		23.49	4.36		DN0080/18	1			
		PM SUN DIODE														
12I057/684	19:11:59	COLOR	242.5/242.5	10	.12	1/1	1	4	REC/UH	250	8	295.9/ .2	58/- 3	174/10:09:45	36:11.2	R
		BLU	ISDR 51	2	51	1	1		100.25	63.52		DN0080/19	1			
		GRN	ISDR 51	2	51	1	1		95.54	59.91		DN0080/20	1			
		RED	ISDR 51	2	51	1	1		83.41	54.42		DN0080/21	1			
		PM TWILIGHT RESCAN														
12I058/684	19:49:59	COLOR	245.0/245.0	10	.12	1/1	1	1	REC/UH	250	2	299.6/- 7	62/ 4	174/10:47:45	36:11.2	R
		BLU	ISDR 50	2	50	1	1		82.94	35.99		DN0080/22	1			
		GRN	ISDR 49	2	50	2	2		80.31	33.35		DN0080/23	1			
		RED	ISDR 51	2	50	0	0		77.16	29.83		DN0080/24	1			
		PM TWILIGHT RESCAN														
11I059/688	16:58:01	COLOR	175.0/195.0	-20	.12	1/1	1	4	RT/UH	16K	8	285.8/28.3	224/-31	178/10:34:08	01:32.0	
		BLU	SDR 143	0	0	25	1		77.36	29.39		DN0080/25	1			
		GRN	SDR 143	0	0	25	1		87.77	40.04		DN0080/26	1			
		RED	SDR 142	0	0	26	1		96.48	45.98		DN0080/27	1			
		DRIFTS IN COLOR														
11I060/688	17:00:13	SINGLE	155.0/182.5	-10	.04	13/2	1	4	RT/UH	16K	8	286.0/27.8	224/-30	178/10:36:20	02:42.0	
		BB3	SDR 759	689	70	0	0		109.16	28.64		DN0080/28	1			
		BIG JOE/DRIFTS														
11I061/690	04:34:00	COLOR	180.0/180.0	10	.12	1/1	1	2	REC/UH	250	8	58.8/-10	357/ 12	179/23:29:17	36:11.2	R
		BLU	SDR 50	2	50	1	1		73.34	51.68		DN0080/29	1			
		GRN	SDR 50	2	50	1	1		72.84	50.85		DN0080/30	1			
		RED	SDR 51	2	50	0	0		69.36	47.48		DN0080/31	1			
		AM TWILIGHT RESCAN														
11I062/690	05:12:00	COLOR	182.5/182.5	10	.12	1/1	1	4	REC/UH	250	-17	62.8/- 3	1/ 5	180/00:07:17	36:11.2	R
		BLU	ISDR 50	2	50	1	1		123.10	59.84		DN0080/32	1			
		GRN	ISDR 50	2	50	1	1		120.27	59.78		DN0080/33	1			
		RED	ISDR 51	2	50	0	0		107.29	61.65		DN0080/34	1			
		AM TWILIGHT RESCAN														
11I063/690	06:20:00	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-12	68.7/10.8	7/- 8	180/01:15:17	00:05.6	
		SUN	SDR 23	22	1	0	0		59.45	1.91		DN0080/35	1			
		AM SUN DIODE														
12I064/690	08:33:00	SINGLE	30.0/ 80.0	10	.12	1/3	1	5	REC/UH	16K	-12	77.0/39.5	200/-36	180/03:28:17	01:30.1	
		BLU	SDR 417	418	1	2	1		103.96	71.30		DN0080/36	1			
		AM SKY BRIGHTNESS														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I065/690	10:00:00	SINGLE	205.0/220.0		-30	.04	0/2	1 4	REC/UH	16K	-4	80.7/58.7	21/-56	180/04:55:17	01:21.2	
		BB2	SDR 377	376	1		0	0	89.19	32.39		DN0080/37	1			
		PILE-STEREO TO I066														
12I066/690	10:05:00	SINGLE	17.5/ 32.5		-20	.04	13/2	1 4	REC/UH	16K	-4	80.8/59.8	205/-57	180/05:00:17	01:21.2	
		BB3	SDR 377	376	1		0	0	92.47	32.94		DN0080/38	1			
		PILE-STEREO TO I065														
12I067/690	10:10:00	SINGLE	95.0/100.0		-50	.04	8/2	1 4	REC/UH	16K	-4	81.0/60.9	205/-58	180/05:05:17	00:27.9	
		BB1	SDR 127	126	1		0	0	104.33	21.00		DN0080/39	1			
		MONITOR NEAR LANDER														
12I068/690	13:29:59	COLOR	285.0/310.0		-10	.12	1/1	1 4	REC/UH	16K	4	278.3/74.1	39/-77	180/08:25:17	02:14.5	
		BLU	SDR 208	0	0		1	1	120.56	58.22		DN0080/40	1			
		GRN	SDR 206	0	0		3	2	119.49	52.36		DN0080/41	1			
		RED	SDR 207	0	0		2	1	134.83	52.63		DN0080/42	1			
		LANDER TOP														
12I069/690	14:59:59	SINGLE	65.0/115.0		-10	.04	5/2	1 4	REC/UH	16K	8	279.9/54.1	42/-57	180/09:55:17	04:27.8	
		BB4	SDR 1253	1251	2		0	0	140.48	29.09		DN0080/43	2			
		DARK/BRIGHT DRIFTS														
11I070/690	16:09:59	SINGLE	270.0/280.0		-20	.04	13/2	1 4	REC/UH	16K	8	283.1/38.6	221/-41	180/11:05:17	00:54.5	
		BB3	SDR 253	251	2		0	0	118.66	30.88		DN0080/44	1			
		METATE PILES														
12I071/690	16:14:59	SINGLE	87.5/ 92.5		-20	.04	13/2	1 4	REC/UH	16K	10	283.3/37.6	45/-40	180/11:10:16	00:27.9	
		BB3	SDR 128	126	2		0	0	113.11	25.59		DN0080/45	1			
		METATE PILES														
12I072/690	16:57:59	SINGLE	227.5/230.0		10	.12	4/3	1 3	REC/UH	16K	8	285.7/28.2	48/-31	180/11:53:16	00:05.6	
		SUN	SDR 24	22	2		0	0	23.61	6.01		DN0080/46	1			
		PM SUN DIODE														
12I073/693	13:07:42	SINGLE	15.0/125.0		-10	.04	5/2	1 4	RT/UH	16K	8	278.5/79.0	38/-82	183/10:01:45	10:23.0	
		BB4	ISDR 2920	2751	169		0	0	145.73	30.50		DN0080/47	4			
		DRIFTS														
11I074/697	06:19:58	SINGLE	187.5/190.0		10	.12	4/3	1 1	REC/UH	16K	-15	69.2/10.9	8/- 8	187/05:52:22	00:05.6	
		SUN	SDR 23	22	1		0	0	62.06	4.45		DN0081/01	1			
		AM SUN DIODE														
11I075/697	14:59:59	SINGLE	145.0/197.5		-10	.04	13/2	1 4	REC/UH	16K	6	279.2/53.8	217/-56	187/14:32:23	04:41.2	
		BB3	ISDR 1314	0	0		0	0	161.54	28.46		DN0081/02	2			
		BIG JOE/DRIFTS														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I076/697 17:05:59	SINGLE	227.5/230.0	10	.12	4/3	1	3	REC/UH	16K	8	285.8/26.1	48/-29	187/16:38:23	00:05.6	
	SUN	SDR 22	22	1	1	1		23.74	6.47		DN0081/03	1			
	PM SUN DIODE														
11I077/703 06:19:59	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	-17	69.7/10.9	8/- 8	193/09:49:55	00:05.6	
	SUN	SDR 23	22	1	0	0		63.82	4.86		DN0081/04	1			
	AM SUN DIODE														
12I078/703 12:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	4	279.7/87.2	277/-89	193/15:59:54	00:10.1	
	BB1	SDR 44	43	1	0	0		49.63	24.41		DN0081/05	1			
	SCAN VERIFICATION														
12I079/703 12:30:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	4	279.6/87.1	282/-89	193/16:00:04	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0081/06	1			
	CALIBRATION FRAME														
12I080/703 17:06:00	SINGLE	227.5/230.0	10	.12	4/3	1	3	REC/UH	16K	10	285.3/25.8	47/-28	193/20:35:55	00:05.6	
	SUN	SDR 23	22	1	0	0		24.55	11.44		DN0081/07	1			
	PM SUN DIODE														
11I081/709 06:29:59	SINGLE	190.0/192.5	10	.12	4/3	1	1	REC/UH	16K	-15	71.1/13.0	10/-10	199/13:57:26	00:05.6	
	SUN	SDR 24	22	2	0	0		61.72	4.23		DN0081/08	1			
	AM SUN DIODE														
11I082/709 10:29:59	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	-2	85.1/65.9	25/-63	199/17:57:26	02:14.5	
	BLU	ISDR 209	0	0	0	0		108.60	44.17		DN0081/09	1			
	GRN	ISDR 208	0	0	1	1		131.96	50.52		DN0081/10	1			
	RED	ISDR 208	0	0	1	1		147.20	54.89		DN0081/11	1			
	LANDER TOP														
12I083/709 17:06:59	SINGLE	227.5/230.0	10	.12	4/3	1	3	REC/UH	16K	10	284.8/25.3	47/-28	200/00:34:25	00:05.6	
	SUN	SDR 24	22	2	0	0		23.84	6.58		DN0081/12	1			
	PM SUN DIODE														
11I084/715 06:25:59	SINGLE	190.0/192.5	10	.12	4/3	1	1	REC/UH	16K	-15	71.4/12.2	10/- 9	205/17:50:57	00:05.6	
	SUN	SDR 20	0	0	2	1		61.56	4.14		DN0081/13	1			
	AM SUN DIODE														
11I085/715 07:59:59	SINGLE	30.0/ 62.5	0	.04	5/2	1	4	REC/UH	16K	-12	77.8/32.6	17/-29	205/19:24:57	02:54.5	
	BB4	SDR 809	0	0	5	1		146.64	23.43		DN0081/14	1			
	RIDGES BEHIND S/C														
12I086/715 17:19:59	SINGLE	227.5/230.0	10	.12	4/3	1	3	REC/UH	16K	12	285.1/22.1	47/-25	206/04:44:58	00:05.6	
	SUN	SDR 23	22	1	0	0		23.73	6.46		DN0081/15	1			
	PM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I087/721	06:23:59	SINGLE	190.0/192.5	10	.12	4/3	1	1	REC/UH	16K	-15	71.9/11.7	10/- 9	211/21:46:29	00:05.6	
		SUN	SDR 23	22	1	0	0		61.42	4.04		DN0081/16	1			
		AM SUN DIODE														
12I088/721	16:27:58	SINGLE	235.0/285.0	10	.12	1/3	1	5	REC/UH	16K	12	281.1/33.2	43/-36	212/07:50:28	01:30.1	
		BLU	SDR 419	418	1	0	0		97.95	68.35		DN0081/17	1			
		PM SKY BRIGHTNESS														
12I089/721	16:57:58	SINGLE	225.0/227.5	10	.12	4/3	1	3	REC/UH	16K	12	283.0/26.5	45/-29	212/08:20:28	00:05.6	
		SUN	SDR 23	22	1	0	0		24.98	9.08		DN0081/18	1			
		PM SUN DIODE														
12I090/721	19:00:59	COLOR	237.5/237.5	10	.12	1/1	1	4	REC/UH	250	12	292.5/ .2	55/- 3	212/10:23:29	36:11.2	R
		BLU	ISDR 51	2	51	1	1		92.11	60.53		DN0081/19	1			
		GRN	ISDR 52	2	51	0	0		87.07	58.12		DN0081/20	1			
		RED	ISDR 51	2	51	1	1		77.73	53.69		DN0081/21	1			
		PM TWILIGHT RESCAN														
12I091/721	19:38:59	COLOR	242.5/242.5	10	.12	1/1	1	1	REC/UH	250	6	296.3/- 7	58/ 4	212/11:01:29	36:11.2	R
		BLU	ISDR 49	2	50	2	2		78.61	31.38		DN0081/22	1			
		GRN	ISDR 51	2	50	0	0		76.75	30.35		DN0081/23	1			
		RED	ISDR 51	2	50	0	0		72.68	22.22		DN0081/24	1			
		PM TWILIGHT RESCAN														
11I092/725	15:35:47	SINGLE	155.0/182.5	-10	.04	13/2	1	4	RT/UH	16K	6	277.2/44.5	215/-47	216/09:36:38	02:42.0	
		BB3	SDR 759	689	70	0	0		155.75	27.79		DN0081/25	1			
		BIG JOE/DRIFTS														
11I093/725	16:00:29	SINGLE	207.5/242.5	-30	.04	0/2	1	4	RT/UH	16K	10	278.8/39.0	217/-42	216/10:01:20	03:20.0	
		BB2	SDR 937	876	61	0	0		145.03	28.87		DN0081/26	2			
		DEEP HOLE#1														
11I094/727	04:34:00	COLOR	182.5/182.5	10	.12	1/1	1	2	REC/UH	250	10	62.4/-11	/ 13	217/23:54:01	36:11.2	R
		BLU	ISDR 51	2	50	0	0		73.52	50.78		DN0081/27	1			
		GRN	ISDR 50	2	50	1	1		72.81	50.01		DN0081/28	1			
		RED	ISDR 51	2	50	0	0		68.97	46.83		DN0081/29	1			
		AM TWILIGHT RESCAN														
11I095/727	05:12:00	COLOR	187.5/187.5	10	.12	1/1	1	5	REC/UH	250	-15	66.4/- 3	4/ 5	218/00:32:01	36:11.2	R
		BLU	ISDR 50	2	50	1	1		106.68	58.75		DN0081/30	1			
		GRN	ISDR 50	2	50	1	1		99.80	56.18		DN0081/31	1			
		RED	ISDR 51	2	50	0	0		82.05	50.70		DN0081/32	1			
		AM TWILIGHT RESCAN														
11I096/727	06:10:00	SINGLE	190.0/192.5	10	.12	4/3	1	1	REC/UH	16K	-12	71.6/ 8.7	10/- 6	218/01:30:01	00:05.6	
		SUN	SDR 23	22	1	0	0		60.52	1.97		DN0081/33	1			
		AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
12I097/727 08:33:00		SINGLE	35.0/ 85.0	10	.12	1/3	1	5	REC/UH	16K	-8	81.6/40.0	205/-37	218/03:53:01	01:30.1
		BLU	SDR 417	418	1	2	1		102.35	75.53		DN0081/34	1		
		AM SKY BRIGHTNESS													
11I098/727 09:59:59		SINGLE	205.0/220.0	-30	.04	0/2	1	4	REC/UH	16K	0	87.6/59.5	27/-56	218/05:20:01	01:21.2
		BB2	SDR 375	376	1	2	1		92.87	33.69		DN0081/35	1		
		PILE-STEREO TO I099													
12I099/727 10:04:59		SINGLE	17.5/ 32.5	-20	.04	13/2	1	4	REC/UH	16K	0	88.0/60.6	212/-57	218/05:25:01	01:21.2
		BB3	SDR 375	376	1	2	1		97.16	33.65		DN0081/36	1		
		PILE-STEREO TO I098													
12I100/727 10:09:59		SINGLE	95.0/100.0	-50	.04	8/2	1	4	REC/UH	16K	0	88.4/61.7	212/-58	218/05:30:01	00:27.9
		BB1	SDR 127	126	1	0	0		105.51	21.54		DN0081/37	1		
		MONITOR NEAR LANDER													
12I101/727 13:29:59		COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	10	266.6/72.7	25/-75	218/08:50:01	02:14.5
		BLU	SDR 208	0	0	1	1		113.49	61.30		DN0081/38	1		
		GRN	SDR 207	0	0	2	1		113.85	57.43		DN0081/39	1		
		RED	SDR 206	0	0	3	2		130.04	60.13		DN0081/40	1		
		LANDER TOP													
12I102/727 14:59:59		SINGLE	65.0/115.0	-10	.04	5/2	1	4	REC/UH	16K	12	274.5/52.4	36/-55	218/10:20:01	04:27.8
		BB4	SDR 1253	1251	2	0	0		143.41	31.51		DN0081/41	2		
		DARK/BRIGHT DRIFTS													
11I103/727 16:09:59		SINGLE	270.0/280.0	-20	.04	13/2	1	4	REC/UH	16K	12	279.1/36.8	217/-39	218/11:30:01	00:54.5
		BB3	SDR 253	251	2	0	0		118.23	33.38		DN0081/42	1		
		METATE PILES													
12I104/727 16:14:59		SINGLE	87.5/ 92.5	-20	.04	13/2	1	4	REC/UH	16K	14	279.5/35.7	41/-38	218/11:35:01	00:27.9
		BB3	SDR 128	126	2	0	0		112.70	28.15		DN0081/43	1		
		METATE PILES													
12I105/727 16:57:59		SINGLE	225.0/227.5	10	.12	4/3	1	3	REC/UH	16K	14	282.3/26.2	44/-29	218/12:18:01	00:05.6
		SUN	SDR 24	22	2	0	0		24.46	13.49		DN0081/44	1		
		PM SUN DIODE													
11I106/730 11:44:04		COLOR	160.0/330.0	-20	.12	1/1	1	4	RT/UH	16K	4	108.2/82.8	46/-79	221/09:02:51	14:03.0
		BLU	SDR 1315	0	0	103	2		103.94	49.63		DN0081/45	2		
		GRN	SDR 1315	0	0	103	2		129.10	51.60		DN0081/46	2		
		RED	SDR 1314	0	0	104	3		159.88	47.96		DN0081/47	2		
		GOOD COLOR PANORAMA													
11I107/734 06:29:59		SINGLE	192.5/195.0	10	.12	4/3	1	1	REC/UH	16K	-15	74.1/12.9	13/-10	225/06:27:07	00:05.6
		SUN	SDR 23	22	1	0	0		62.27	4.11		DN0082/01	1		
		AM SUN DIODE													

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I108/734	15:00:00	SINGLE	145.0/197.5	-10	.04	13/2	1	4	REC/UH	16K	10	273.2/52.0	210/-54	225/14:57:08	04:41.2	
		BB3	SDR 1315	1314	1	0	0		171.29	28.26		DN0082/02	2			
		BIG JOE/DRIFTS														
12I109/734	17:20:00	SINGLE	225.0/227.5	10	.12	4/3	1	3	REC/UH	16K	12	283.0/20.8	45/-23	225/17:17:08	00:05.6	
		SUN	SDR 23	22	1	0	0		23.73	6.10		DN0082/03	1			
		PM SUN DIODE														
11I110/740	06:19:59	SINGLE	192.5/195.0	10	.12	4/3	1	1	REC/UH	16K	-15	74.2/10.7	13/- 8	231/10:14:39	00:05.6	
		SUN	SDR 23	22	1	0	0		60.42	3.14		DN0082/04	1			
		AM SUN DIODE														
11I111/740	12:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	6	227.6/84.4	133/-85	231/16:24:38	00:10.1	
		BB1	SDR 44	43	1	0	0		70.22	53.96		DN0082/05	1			
		SCAN VERIFICATION														
11I112/740	12:30:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	6	227.9/84.4	134/-85	231/16:24:48	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0082/06	1			
		CALIBRATION FRAME														
12I113/740	17:05:59	SINGLE	222.5/225.0	10	.12	4/3	1	2	REC/UH	16K	12	281.2/23.5	43/-26	231/21:00:38	00:05.6	
		SUN	SDR 23	22	1	0	0		31.24	3.43		DN0082/07	1			
		PM SUN DIODE														
11I114/746	06:30:00	SINGLE	195.0/197.5	10	.12	4/3	1	1	REC/UH	16K	-15	75.9/12.7	14/-10	237/14:22:11	00:05.6	
		SUN	SDR 24	22	2	0	0		60.37	3.21		DN0082/08	1			
		AM SUN DIODE														
11I115/746	10:30:00	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	-2	96.8/66.3	36/-63	237/18:22:11	02:14.5	
		BLU	SDR 209	0	0	0	0		125.28	44.49		DN0082/09	1			
		GRN	SDR 208	0	0	1	1		152.37	47.01		DN0082/10	1			
		RED	SDR 208	0	0	1	1		167.72	48.43		DN0082/11	1			
		LANDER TOP														
12I116/746	17:06:59	SINGLE	222.5/225.0	10	.12	4/3	1	2	REC/UH	16K	12	280.4/22.8	42/-25	238/00:59:11	00:05.6	
		SUN	SDR 28	22	6	0	0		40.30	28.09		DN0082/12	1			
		PM SUN DIODE														
11I117/752	06:25:59	SINGLE	195.0/197.5	10	.12	4/3	1	1	REC/UH	16K	-15	76.5/11.7	15/- 9	243/18:15:41	00:05.6	
		SUN	SDR 20	0	0	2	1		61.01	3.93		DN0082/13	1			
		AM SUN DIODE														
11I118/752	07:59:59	SINGLE	30.0/ 62.5	0	.04	5/2	1	4	REC/UH	16K	-12	83.8/32.6	23/-29	243/19:49:41	02:54.5	
		BB4	SDR 809	0	0	5	1		150.96	21.44		DN0082/14	1			
		RIDGES BEHIND S/C														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I119/752 17:19:59	SINGLE	222.5/225.0	10	.12	4/3	1	2	REC/UH	16K	12	280.5/19.4	43/-22	244/05:09:42	00:05.6	
	SUN	ISDR 25	22	3	0	0		33.84	19.33		DN0082/15	1			
	PM SUN DIODE														
11I120/758 06:33:00	SINGLE	197.5/200.0	10	.12	4/3	1	1	REC/UH	16K	-15	78.2/13.2	17/-10	249/22:20:14	00:05.6	
	SUN	SDR 23	22	1	0	0		61.98	4.24		DN0082/16	1			
	/.NOISY-NEAR S/C														
12I121/758 16:10:59	SINGLE	227.5/277.5	10	.12	1/3	1	5	REC/UH	16K	12	274.2/34.3	36/-37	250/07:58:13	01:30.1	
	BLU	SDR 419	418	1	0	0		97.05	66.24		DN0082/17	1			
	PM SKY BRIGHTNESS														
12I122/758 16:57:59	SINGLE	220.0/222.5	10	.12	4/3	1	2	REC/UH	16K	14	277.9/23.8	40/-26	250/08:45:13	00:05.6	
	SUN	ISDR 25	22	3	0	0		34.02	19.58		DN0082/18	1			
	PM SUN DIODE														
12I123/758 18:43:59	COLOR	232.5/232.5	10	.12	1/1	1	4	REC/UH	250	14	286.7/ 0.5	49/ -3	250/10:31:13	36:11.2	R
	BLU	ISDR 49	2	50	2	2		110.80	67.46		DN0082/19	1			
	GRN	ISDR 50	2	50	1	1		104.13	60.66		DN0082/20	1			
	RED	ISDR 50	2	50	1	1		90.85	54.65		DN0082/21	1			
	PM TWILIGHT RESCAN														
12I124/758 19:21:59	COLOR	235.0/235.0	10	.12	1/1	1	1	REC/UH	250	8	290.4/-7.6	53/ 4	250/11:09:13	36:11.2	R
	BLU	ISDR 50	2	50	1	1		86.83	40.02		DN0082/22	1			
	GRN	ISDR 50	2	50	1	1		86.49	40.11		DN0082/23	1			
	RED	ISDR 51	2	50	0	0		84.86	37.94		DN0082/24	1			
	PM TWILIGHT RESCAN														
11I125/762 14:06:56	COLOR	175.0/195.0	-20	.12	1/1	1	4	RT/UH	16K	10	260.0/61.9	196/-64	254/08:32:31	01:32.0	
	BLU	SDR 143	0	0	25	1		108.71	30.79		DN0082/25	1			
	GRN	SDR 142	0	0	26	2		140.92	38.04		DN0082/26	1			
	RED	SDR 143	0	0	25	1		173.94	47.81		DN0082/27	1			
	COLOR OF DRIFTS														
11I126/762 14:30:28	SINGLE	220.0/305.0	-10	.04	5/2	1	4	RT/UH	16K	10	263.5/56.6	200/-59	254/08:56:03	08:00.0	
	BB4	SDR 2248	2126	124	2	1		154.20	38.30		DN0082/28	3			
	HR PANORAMA-ROCKS														
11I127/764 04:33:59	COLOR	190.0/190.0	10	.12	1/1	1	2	REC/UH	250	10	68.1/-12	6/ 15	256/00:18:44	36:11.2	R
	BLU	ISDR 50	2	50	1	1		80.79	55.89		DN0082/29	1			
	GRN	ISDR 50	2	50	1	1		82.20	56.20		DN0082/30	1			
	RED	ISDR 51	2	50	0	0		85.97	58.23		DN0082/31	1			
	AM TWILIGHT RESCAN														
11I128/764 05:11:59	COLOR	192.5/192.5	10	.12	1/1	1	4	REC/UH	250	-15	72.1/-4.6	10/ 7	256/00:56:44	36:11.2	R
	BLU	ISDR 50	2	50	1	1		122.69	57.19		DN0082/32	1			
	GRN	ISDR 50	2	50	1	1		116.49	57.49		DN0082/33	1			
	RED	ISDR 51	2	50	0	0		101.84	59.26		DN0082/34	1			
	AM TWILIGHT RESCAN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST	RSCN
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS			AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I129/764	06:19:59	SINGLE	197.5/200.0	10	.12	4/3	1	1	REC/UH	16K	-12	78.2/10.2	17/ -7	256/02:04:45	00:05.6	
		SUN	SDR 25	22	3	0	0		69.03	31.26		DN0082/35	1			
		AM SUN DIODE														
12I130/764	08:32:59	SINGLE	42.5/ 92.5	10	.12	1/3	1	5	REC/UH	16K	-8	89.2/39.9	212/-37	256/04:17:45	01:30.1	
		BLU	SDR 419	418	1	0	0		103.32	71.30		DN0082/36	1			
		AM SKY BRIGHTNESS														
11I131/764	09:59:59	SINGLE	205.0/220.0	-30	.04	0/2	1	4	REC/UH	16K	0	99.0/59.4	38/-56	256/05:44:45	01:21.2	
		BB2	ISDR 377	376	1	0	0		98.57	38.95		DN0082/37	1			
		PILE-STEREO TO I132														
12I132/764	10:04:59	SINGLE	17.5/ 32.5	-20	.04	13/2	1	4	REC/UH	16K	0	99.7/60.6	222/-57	256/05:49:45	01:21.2	
		BB3	ISDR 374	376	1	3	1		104.13	37.82		DN0082/38	1			
		PILE-STEREO TO I131														
12I133/764	10:09:59	SINGLE	95.0/100.0	-50	.04	8/2	1	4	REC/UH	16K	2	100.6/61.7	223/-58	256/05:54:45	00:27.9	
		BB1	SDR 127	126	1	0	0		111.61	24.68		DN0082/39	1			
		MONITOR NEAR LANDER														
12I134/764	13:29:59	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	12	251.3/69.7	8/-72	256/09:14:45	02:14.5	
		BLU	ISDR 207	0	0	2	2		126.36	53.49		DN0082/40	1			
		GRN	ISDR 207	0	0	2	2		127.66	50.75		DN0082/41	1			
		RED	ISDR 206	0	0	3	2		144.75	55.57		DN0082/42	1			
		LANDER TOP														
12I135/764	14:59:59	SINGLE	65.0/115.0	-10	.04	5/2	1	4	REC/UH	16K	14	266.4/49.8	27/-52	256/10:44:45	04:27.8	
		BB4	SDR 1254	1251	3	0	0		144.11	34.91		DN0082/43	2			
		DARK/BRIGHT DRIFTS														
11I136/764	16:09:59	SINGLE	270.0/280.0	-20	.04	13/2	1	4	REC/UH	16K	12	273.0/34.0	211/-37	256/11:54:45	00:54.5	
		BB3	SDR 253	251	2	0	0		114.53	36.73		DN0082/44	1			
		METATE PILES														
12I137/764	16:14:59	SINGLE	87.5/ 92.5	-20	.04	13/2	1	4	REC/UH	16K	14	273.4/32.9	35/-35	256/11:59:45	00:27.9	
		BB3	SDR 128	126	2	0	0		108.73	31.78		DN0082/45	1			
		METATE PILES														
12I138/764	16:39:59	SINGLE	217.5/220.0	10	.12	4/3	1	2	REC/UH	16K	16	275.5/27.3	37/-30	256/12:24:45	00:05.6	
		SUN	SDR 24	22	2	0	0		31.18	3.52		DN0083/01	1			
		PM SUN DIODE														
11I139/767	10:22:29	SINGLE	32.5/220.0	-10	.04	5/2	1	4	RT/UH	16K	16	104.1/64.3	42/-61	259/08:06:00	17:03.0	
		BB4	SDR 4788	4689	107	8	4		157.82	47.54		DN0063/02	7			
		ENORMOUS PANORAMA														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
	DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I140/771 06:29:59	SINGLE	22.5/ 25.0	10	.12	4/3	1	1	REC/UH	16K	-15	80.4/12.2	203/ -9	263/06:51:51	00:05.6	
	SUN	SDR 23	22	1	0	0		58.45	3.62		DN0083/03	1			
	AM SUN DIODE														
11I141/771 15:00:00	SINGLE	145.0/197.5	-10	.04	13/2	1	4	REC/UH	16K	12	264.7/49.2	202/-51	263/15:21:52	04:41.2	
	BB3	SDR 1333	1314	22	3	2		183.10	29.07		DN0083/04	2			
	BIG JOE/DRIFTS														
12I142/771 17:05:59	SINGLE	217.5/220.0	10	.12	4/3	1	2	REC/UH	16K	0	276.4/20.8	38/-23	263/17:27:52	00:05.6	
	SUN	SDR 23	22	1	0	0		31.22	3.40		DN0083/05	1			
	PM SUN DIODE														
12I143/777 06:19:59	SINGLE	22.5/ 25.0	10	.12	4/3	1	1	REC/UH	16K	12	80.7/ 9.8	203/ -7	269/10:39:23	00:05.6	
	SUN	SDR 23	22	1	0	0		58.97	2.15		DN0083/06	1			
	AM SUN DIODE														
12I144/777 12:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	8	209.5/78.6	317/-78	269/16:49:23	00:10.1	
	BB1	SDR 44	43	1	0	0		49.58	24.37		DN0083/07	1			
	SCAN VERIFICATION														
12I145/777 12:30:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	8	209.7/78.5	317/-78	269/16:49:33	00:18.0	
	CAL	SDR 84	0	0	0	0		.00	.00		DN0083/08	1			
	CALIBRATION FRAME														
12I146/777 17:05:58	SINGLE	217.5/220.0	10	.12	4/3	1	2	REC/UH	16K	12	275.3/20.2	37/-23	269/21:25:22	00:05.6	
	SUN	SDR 24	22	2	0	0		31.20	3.71		DN0083/09	1			
	PM SUN DIODE														
12I147/783 06:26:00	SINGLE	25.0/ 27.5	10	.12	4/3	1	1	REC/UH	16K	-15	82.4/10.9	205/ -8	275/14:42:55	00:05.6	
	SUN	SDR 26	22	4	0	0		65.01	23.02		DN0083/10	1			
	AM SUN DIODE														
11I148/783 10:30:00	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	0	113.0/65.1	50/-62	275/18:46:55	02:14.5	
	BLU	SDR 209	0	0	0	0		129.99	39.46		DN0083/11	1			
	GRN	SDR 208	0	0	1	1		160.95	42.81		DN0083/12	1			
	RED	SDR 208	0	0	1	1		178.27	45.93		DN0083/13	1			
	LANDER TOP														
12I149/783 16:57:59	SINGLE	215.0/217.5	10	.12	4/3	1	2	REC/UH	16K	14	273.5/21.4	35/-24	276/01:14:55	00:05.6	
	SUN	SDR 26	22	4	0	0		37.53	24.11		DN0083/14	1			
	PM SUN DIODE														
12I150/789 06:25:59	SINGLE	25.0/ 27.5	10	.12	4/3	1	1	REC/UH	16K	-15	83.7/10.7	206/ -7	281/18:40:26	00:05.6	
	SUN	SDR 24	22	2	0	0		59.16	2.77		DN0083/15	1			
	AM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I151/789	07:59:58	SINGLE	30.0/ 62.5	0	.04	5/2	1	4	REC/UH	16K	-12	92.1/31.8	31/-28	281/20:14:25	02:54.5	
		BB4	SDR 809	0	0	5	1		164.52	20.88		DN0083/16	1			
		RIDGES BEHIND S/C														
12I152/789	17:05:59	SINGLE	215.0/217.5	10	.12	4/3	1	2	REC/UH	16K	14	273.0/19.0	35/-21	282/05:20:26	00:05.6	
		SUN	SDR 23	22	1	0	0		31.15	3.62		DN0083/17	1			
		PM SUN DIODE														
12I153/795	06:32:59	SINGLE	27.5/ 30.0	10	.12	4/3	1	1	REC/UH	16K	-15	85.6/12.0	208/ -9	287/22:44:58	00:05.6	
		SUN	SDR 23	22	1	0	0		58.80	3.75		DN0083/18	1			
		AM SUN DIODE														
12I154/795	15:51:59	SINGLE	217.5/267.5	10	.12	1/3	1	5	REC/UH	16K	14	264.7/35.0	26/-37	288/08:03:57	01:30.1	
		BLU	SDR 419	418	1	0	0		103.00	66.29		DN0083/19	1			
		PM SKY BRIGHTNESS														
12I155/795	16:57:59	SINGLE	212.5/215.0	10	.12	4/3	1	2	REC/UH	16K	14	271.1/20.1	33/-23	288/09:09:57	00:05.6	
		SUN	SDR 23	22	1	0	0		31.15	3.57		DN0083/20	1			
		PM SUN DIODE														
12I156/795	18:26:59	COLOR	225.0/225.0	10	.12	1/1	1	4	REC/UH	250	14	279.1/ 0.2	41/ -3	288/10:38:57	36:11.2	R
		BLU	SDR 50	2	50	1	1		95.57	54.78		DN0083/21	1			
		GRN	SDR 50	2	50	1	1		82.24	52.41		DN0083/22	1			
		RED	SDR 51	2	50	0	0		68.10	48.04		DN0083/23	1			
		PM TWILIGHT RESCAN														
12I157/795	19:04:59	COLOR	227.5/227.5	10	.12	1/1	1	1	REC/UH	250	8	282.7/-8.2	45/ 5	288/11:16:57	36:11.2	R
		BLU	SDR 50	2	50	1	1		86.01	40.01		DN0083/24	1			
		GRN	SDR 50	2	50	1	1		84.17	38.10		DN0083/25	1			
		RED	SDR 51	2	50	0	0		76.29	25.61		DN0083/26	1			
		PM TWILIGHT RESCAN														
12I158/799	12:31:55	SINGLE	15.0/125.0	-10	.04	5/2	1	4	RT/UH	16K	8	205.9/73.9	318/-74	292/07:22:15	10:23.0	
		BB4	SDR 2914	2751	170	7	5		157.16	40.74		DN0083/27	4			
		DRIFTS/ROCKS														
11I159/799	13:04:18	SINGLE	242.5/302.5	-30	.04	0/2	1	4	RT/UH	16K	10	226.7/69.5	158/-70	292/07:54:37	05:09.0	
		BB2	SDR 1447	0	0	54	1		140.54	32.41		DN0083/28	2			
		ROCKS/TRENCHES/PILES														
11I160/801	04:33:58	COLOR	197.5/197.5	10	.12	1/1	1	1	REC/UH	250	10	75.6/-14	13/ 17	294/00:43:28	36:11.2	R
		BLU	SDR 50	2	50	1	1		109.19	47.92		DN0083/29	1			
		GRN	SDR 51	2	50	0	0		110.15	47.15		DN0083/30	1			
		RED	SDR 51	2	50	0	0		108.85	44.72		DN0083/31	1			
		AM TWILIGHT RESCAN														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11I161/801 05:11:58	COLOR	200.0/200.0	10	.12	1/1	1	4	REC/UH	250	-15	79.4/-6.4	17/ 9	294/01:21:28	36:11.2	R
	BLU	SDR 50	2	50	1	1		109.13	57.39		DN0083/32	1			
	GRN	SDR 50	2	50	1	1		104.75	56.66		DN0083/33	1			
	RED	SDR 51	2	50	0	0		89.73	53.98		DN0083/34	1			
	AM TWILIGHT RESCAN														
11I162/801 06:19:58	SINGLE	205.0/207.5	10	.12	4/3	1	1	REC/UH	16K	-12	85.7/ 8.8	24/ -6	294/02:29:28	00:05.6	
	SUN	SDR 23	22	1	0	0		59.54	1.98		DN0083/35	1			
	AM SUN DIODE														
12I163/801 08:32:59	SINGLE	52.5/102.5	10	.12	1/3	1	5	REC/UH	16K	-10	98.8/38.7	221/-35	294/04:42:29	01:30.1	
	BLU	SDR 419	418	1	0	0		104.81	74.21		DN0083/36	1			
	AM SKY BRIGHTNESS														
11I164/801 09:59:59	SINGLE	205.0/220.0	-30	.04	0/2	1	4	REC/UH	16K	0	112.9/57.5	51/-54	294/06:09:29	01:21.2	
	BB2	SDR 377	376	1	0	0		100.13	41.59		DN0083/37	1			
	PILE-STEREO TO I165														
12I165/801 10:04:59	SINGLE	17.5/ 32.5	-20	.04	13/2	1	4	REC/UH	16K	0	114.1/58.6	236/-55	294/06:14:29	01:21.2	
	BB3	SDR 377	376	1	0	0		108.14	39.44		DN0083/38	1			
	PILE-STEREO TO I164														
12I166/801 10:09:59	SINGLE	95.0/100.0	-50	.04	8/2	1	4	REC/UH	16K	0	115.4/59.6	237/-56	294/06:19:29	00:27.9	
	BB1	SDR 127	126	1	0	0		109.76	25.70		DN0084/01	1			
	MONITOR NEAR LANDER														
12I167/801 13:29:59	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	12	236.9/64.6	354/-66	294/09:39:29	02:14.5	
	BLU	SDR 208	0	0	1	1		137.89	56.12		DN0084/02	1			
	GRN	SDR 208	0	0	1	1		142.85	54.21		DN0084/03	1			
	RED	SDR 206	0	0	3	2		163.80	55.01		DN0084/04	1			
	LANDER TOP														
12I168/801 14:59:59	SINGLE	65.0/115.0	-10	.04	5/2	1	4	REC/UH	16K	16	256.8/45.9	17/-48	294/11:09:29	04:27.8	
	BB4	SDR 1253	1251	2	0	0		138.44	37.20		DN0084/05	2			
	DARK/BRIGHT DRIFTS														
11I169/801 16:09:59	SINGLE	270.0/280.0	-20	.04	13/2	1	4	REC/UH	16K	14	265.2/30.3	203/-33	294/12:19:29	00:54.5	
	BB3	SDR 253	251	2	0	0		99.13	33.96		DN0084/06	1			
	METATE PILES														
12I170/801 16:14:59	SINGLE	87.5/ 92.5	-20	.04	13/2	1	4	REC/UH	16K	16	265.8/29.2	27/-32	294/12:24:29	00:27.9	
	BB3	SDR 128	126	2	0	0		92.59	29.82		DN0084/07	1			
	METATE PILES														
12I171/801 16:39:59	SINGLE	210.0/212.5	10	.12	4/3	1	2	REC/UH	16K	16	268.2/23.5	30/-26	294/12:49:29	00:05.6	
	SUN	SDR 24	22	2	0	0		31.16	3.72		DN0084/08	1			
	PM SUN DIODE														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I172/804	08:50:19	SINGLE	15.0/125.0	-10	.04	5/2	1	4	RT/UH	16K	16	101.9/42.3	224/-39	297/06:58:35	10:23.0	
		BB4	SDR	2918	2751	170	3	2	103.86	39.50		DN0084/09	4			
		DRIFTS/ROCKS														
12I173/804	09:32:52	SINGLE	80.0/192.5	-30	.04	0/2	1	4	RT/UH	16K	-2	108.5/51.6	230/-48	297/07:41:07	10:00.0	
		BB2	SDR	2809	0	0	5	3	112.96	41.84		DN0084/10	4			
		DEEP HOLE #2/PILES														
11I174/808	06:29:59	SINGLE	207.5/210.0	10	.12	4/3	1	1	REC/UH	16K	-15	88.2/10.7	26/ -7	301/07:16:36	00:05.6	
		SUN	ISDR	25	22	3	0	0	71.81	29.39		DN0084/11	1			
		AM SUN DIODE														
11I175/808	14:59:59	SINGLE	145.0/197.5	-10	.04	13/2	1	4	REC/UH	16K	14	254.9/45.0	192/-47	301/15:46:36	04:41.2	
		BB3	ISDR	1307	1314	1	8	3	190.12	27.65		DN0084/12	2			
		BIG JOE/DRIFTS														
12I176/808	17:05:59	SINGLE	210.0/212.5	10	.12	4/3	1	2	REC/UH	16K	14	269.2/16.9	31/-19	301/17:52:36	00:05.6	
		SUN	ISDR	23	22	1	0	0	32.47	14.25		DN0084/13	1			
		PM SUN DIODE														
11I177/814	06:20:00	SINGLE	207.5/210.0	10	.12	4/3	1	1	REC/UH	16K	-17	88.6/ 8.1	27/ -5	307/11:04:08	00:05.6	
		SUN	ISDR	23	22	1	0	0	63.07	10.58		DN0084/14	1			
		AM SUN DIODE														
11I178/814	12:29:59	SINGLE	.0/ 5.0	0	.12	8/3	1	4	REC/UH	16K	8	201.6/70.8	131/-70	307/17:14:08	00:10.1	
		BB1	ISDR	48	43	5	0	0	67.85	50.66		DN0084/15	1			
		SCAN VERIFICATION														
11I179/814	12:30:09	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	10	201.7/70.8	131/-70	307/17:14:18	00:18.0	
		CAL	SDR	84	0	0	0	0	.00	.00		DN0084/16	1			
		CALIBRATION FRAME														
12I180/814	17:05:59	SINGLE	210.0/212.5	10	.12	4/3	1	2	REC/UH	16K	12	267.9/16.3	30/-19	307/21:50:07	00:05.6	
		SUN	ISDR	24	22	2	0	0	32.72	14.88		DN0084/17	1			
		PM SUN DIODE														
11I181/820	06:29:59	SINGLE	210.0/212.5	10	.12	4/3	1	1	REC/UH	16K	-17	90.9/ 9.9	29/ -7	313/15:11:38	00:05.6	
		SUN	ISDR	24	22	2	0	0	63.33	12.28		DN0084/18	1			
		AM SUN DIODE														
11I182/820	10:29:59	COLOR	35.0/ 60.0	-10	.12	1/1	1	4	REC/UH	16K	0	129.0/61.1	65/-58	313/19:11:39	02:14.5	
		BLU	ISDR	209	0	0	0	0	138.32	43.26		DN0084/19	1			
		GRN	ISDR	208	0	0	1	1	171.55	48.60		DN0084/20	1			
		RED	ISDR	208	0	0	1	1	183.87	48.93		DN0084/21	1			
		LANDER TOP														

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CE LABEL LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I183/820 16:57:59	SINGLE	207.5/210.0	10	.12	4/3	1	2	REC/UH	16K	14	265.8/17.4	28/-20	314/01:39:39	00:05.6	
	SUN	ISDR 24	22	2	0	0		32.77	14.99		DN0084/22	1			
	PM SUN DIODE														
11I184/826 06:25:59	SINGLE	210.0/212.5	10	.12	4/3	1	1	REC/UH	16K	-17	91.9/ 8.6	30/ -5	319/19:05:11	00:05.6	
	SUN	ISDR 23	22	1	0	0		62.70	16.98		DN0084/23	1			
	AM SUN DIODE														
11I185/826 07:59:59	SINGLE	30.0/ 62.5	0	.04	5/2	1	4	REC/UH	16K	-12	101.6/29.6	40/-26	319/20:39:11	02:54.5	
	BB4	SDR 799	0	0	15	2		156.95	19.28		DN0084/24	1			
	RIDGES BEHIND S/C														
12I186/826 17:06:00	SINGLE	207.5/210.0	10	.12	4/3	1	2	REC/UH	16K	12	265.3/14.9	27/-17	320/05:45:11	00:05.6	
	SUN	SDR 23	22	1	0	0		31.07	2.70		DN0084/25	1			
	PM SUN DIODE														
11I187/832 06:32:59	SINGLE	212.5/215.0	10	.12	4/3	1	1	REC/UH	16K	-17	94.0/ 9.7	32/ -6	325/23:09:42	00:05.6	
	SUN	SDR 23	22	1	0	0		63.81	9.73		DN0084/26	1			
	AM SUN DIODE														
12I188/832 15:32:59	SINGLE	205.0/255.0	10	.12	1/3	1	5	REC/UH	16K	14	253.4/34.8	14/-37	326/08:09:42	01:30.1	
	BLU	SDR 421	418	3	0	0		112.13	67.49		DN0084/27	1			
	PM SKY BRIGHTNESS														
12I189/832 16:57:59	SINGLE	205.0/207.5	10	.12	4/3	1	2	REC/UH	16K	14	263.1/16.1	25/-18	326/09:34:42	00:05.6	
	SUN	SDR 23	22	1	0	0		31.16	4.02		DN0084/28	1			
	PM SUN DIODE														
12I190/832 18:07:59	COLOR	215.0/215.0	10	.12	1/1	1	4	REC/UH	250	14	269.8/ 0.4	32/ -3	326/10:44:41	36:11.2	R
	BLU	SDR 51	2	51	1	1		78.79	53.42		DN0084/29	1			
	GRN	SDR 50	2	51	2	2		69.68	48.61		DN0084/30	1			
	RED	SDR 51	2	51	1	1		56.87	36.07		DN0084/31	1			
	PM TWILIGHT RESCAN														
12I191/832 18:45:59	COLOR	217.5/217.5	10	.12	1/1	1	1	REC/UH	250	8	273.3/-8.2	36/ 5	326/11:22:41	36:11.2	R
	BLU	SDR 50	2	50	1	1		78.97	32.07		DN0084/32	1			
	GRN	SDR 50	2	50	1	1		71.34	17.54		DN0084/33	1			
	RED	SDR 50	2	50	1	1		67.44	9.82		DN0084/34	1			
	PM TWILIGHT RESCAN														
12I192/836 10:48:40	SINGLE	57.5/167.5	-50	.04	8/2	1	4	RT/UH	16K	8	141.8/61.3	261/-58	330/06:03:44	10:00.0	
	BB1	ISDR 2812	2751	61	0	0		107.38	37.79		DN0084/35	4			
	DURICRUST/FOOTPAD #3														
12I193/836 11:20:40	SINGLE	125.0/260.0	-10	.04	5/2	1	4	RT/UH	16K	2	157.1/65.0	275/-63	330/06:35:44	12:32.0	
	BB4	ISDR 3520	3376	149	5	3		158.35	46.86		DN0084/36	5			
	ROCKS SOUTH OF S/C														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
11I194/838	04:33:59	COLOR	207.5/207.5	10	.12	1/1	1	1	REC/UH	250	6	84.2/-17	22/ 20	332/01:08:13	36:11.2	R
		BLU	SDR 51	2	51	1	1		108.14	42.04		DN0085/01	1			
		GRN	SDR 51	2	51	1	1		107.03	40.69		DN0085/02	1			
		RED	SDR 50	2	51	2	2		101.83	37.74		DN0085/03	1			
		AM TWILIGHT RESCAN														
11I195/838	05:11:59	COLOR	210.0/210.0	10	.12	1/1	1	4	REC/UH	250	-17	87.8/-9.0	26/ 11	332/01:46:13	36:11.2	R
		BLU	SDR 51	2	51	1	1		94.41	52.47		DN0085/04	1			
		GRN	SDR 50	2	51	2	2		89.99	52.18		DN0085/05	1			
		RED	SDR 51	2	51	1	1		82.71	51.45		DN0085/06	1			
		AM TWILIGHT RESCAN														
11I196/838	06:19:59	SINGLE	212.5/215.0	10	.12	4/3	1	1	REC/UH	16K	-13	94.1/ 6.3	32/ -3	332/02:54:13	00:05.6	
		SUN	SDR 23	22	1	0	0		84.17	42.16		DN0085/07	1			
		AM SUN DIODE														
12I197/838	08:32:59	SINGLE	62.5/112.5	10	.12	1/3	1	5	REC/UH	16K	-12	109.1/35.6	231/-32	332/05:07:13	01:30.1	
		BLU	SDR 420	416	2	0	0		116.19	64.04		DN0085/08	1			
		AM SKY BRIGHTNESS														
11I198/838	10:00:00	SINGLE	205.0/220.0	-30	.04	0/2	1	4	REC/UH	16K	-2	126.1/53.0	63/-50	332/06:34:14	01:21.2	
		BB2	SDR 376	376	1	1	1		110.09	45.27		DN0085/09	1			
		NOISY-PILE														
12I199/838	10:05:00	SINGLE	17.5/ 32.5	-20	.04	13/2	1	4	REC/UH	16K	-2	127.5/53.9	248/-51	332/06:39:14	01:21.2	
		BB3	SDR 379	376	3	0	0		116.58	42.16		DN0085/10	1			
		NOISY-PILE														
12I200/838	10:10:00	SINGLE	95.0/100.0	-50	.04	8/2	1	4	REC/UH	16K	22	128.9/54.8	250/-52	332/06:44:14	00:27.9	
		BB1	SDR 125	126	1	2	1		112.35	35.01		DN0085/11	1			
12I201/838	13:30:00	COLOR	285.0/310.0	-10	.12	1/1	1	4	REC/UH	16K	14	224.9/58.0	343/-59	332/10:04:14	02:14.5	
		BLU	SDR 207	0	0	2	2		116.07	51.86		DN0085/12	1			
		GRN	SDR 206	0	0	3	2		125.84	54.81		DN0085/13	1			
		RED	SDR 206	0	0	3	2		152.13	61.94		DN0085/14	1			
		LANDER TOP														
12I202/838	15:00:00	SINGLE	65.0/115.0	-10	.04	5/2	1	4	REC/UH	16K	16	246.8/41.0	7/-43	332/11:34:14	04:27.8	
		BB4	SDR 1253	1251	2	0	0		125.94	37.06		DN0085/15	2			
		DARK/BRIGHT DRIFTS														
11I203/838	16:10:00	SINGLE	270.0/280.0	-20	.04	13/2	1	4	REC/UH	16K	14	256.6/26.1	194/-28	332/12:44:14	00:54.5	
		BB3	SDR 255	251	4	0	0		79.14	26.40		DN0085/16	1			
		METATE PILES														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I204/838 16:15:00		SINGLE	87.5/ 92.5	-20	.04	13/2	1	4	REC/UH	16K	16	257.2/25.0	19/-27	332/12:49:14	00:27.9	
		BB3	SDR 128	126	2	0	0		72.08	22.82		DN0085/17	1			
		METATE PILES														
12I205/838 16:58:00		SINGLE	202.5/205.0	10	.12	4/3	1	2	REC/UH	16K	14	261.8/15.4	24/-18	332/13:32:14	00:05.6	
		SUN	SDR 24	22	2	0	0		31.07	2.95		DN0085/18	1			
		PM SUN DIODE														
12I206/841 07:20:43		SINGLE	15.0/125.0	-10	.04	5/2	1	4	RT/UH	16K	14	100.9/19.5	223/-16	335/05:53:43	10:23.0	
		BB4	SDR 2917	2751	169	3	2		59.05	29.54		DN0085/19	4			
		DRIFTS/ROCKS														
11I207/841 08:03:16		SINGLE	170.0/305.0	-50	.04	8/2	1	4	RT/UH	16K	-13	105.8/28.9	44/-25	335/06:36:16	11:58.0	
		BB1	SDR 3360	0	0	16	4		70.86	30.54		DN0085/20	5			
		FOOTPAD #2/NEAR S/C														
12I208/849 08:05:17		SINGLE	50.0/ 52.5	10	.12	4/3	1	3	REC/UH	16K	-13	108.1/28.4	230/-25	343/11:54:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/21	1			
		NOT RECEIVED														
12I209/849 08:10:17		SINGLE	50.0/ 52.5	10	.12	4/3	1	1	REC/UH	16K	12	108.7/29.4	231/-26	343/11:59:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/22	1			
		NOT RECEIVED														
12I210/849 16:10:17		SINGLE	195.0/197.5	10	.12	4/3	1	3	REC/UH	16K	12	253.9/24.8	15/-27	343/19:59:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/23	1			
		NOT RECEIVED														
12I211/849 16:15:17		SINGLE	195.0/197.5	10	.12	4/3	1	1	REC/UH	16K	12	254.5/23.7	16/-26	343/20:04:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/24	1			
		NOT RECEIVED														
11I212/856 15:23:11		SINGLE	200.0/225.0	-30	.12	3/3	1	4	REC/UH	16K	12	245.7/34.0	183/-36	350/23:50:00	00:45.6	
		RED	ISDR 216	376	7	0	0		107.30	29.06		DN0085/25	1			
		NOT RECEIVED														
12I213/861 08:05:14		SINGLE	52.5/ 55.0	10	.12	4/3	1	3	REC/UH	16K	12	110.9/26.8	233/-23	355/19:49:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/26	1			
		NOT RECEIVED														
12I214/861 08:10:14		SINGLE	52.5/ 55.0	10	.12	4/3	1	1	REC/UH	16K	12	111.6/27.9	234/-24	355/19:54:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/27	1			
		NOT RECEIVED														
12I215/861 16:15:13		SINGLE	192.5/195.0	10	.12	4/3	1	3	REC/UH	16K	12	251.6/22.5	13/-25	356/03:59:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/28	1			
		NOT RECEIVED														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS	AVE DN VALUE	STAND DEV	EDR TAPE/FILE	# OF EDR SEGMENTS						
12I216/861	16:20:13	SINGLE	192.5/195.0	10	.12	4/3	1	1	REC/UH	16K	12	252.2/21.5	14/-24	356/04:04:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/29	1			
		NOT RECEIVED														
11I217/871	15:19:22	SINGLE	270.0/280.0	-20	.04	0/2	1	3	REC/UH	16K	12	241.2/33.1	178/-35	001/09:39:59	00:54.5	
		BB2	ISDR 258	376	7	0	0		107.30	29.06		DN0085/30	1			
		NOT RECEIVED														
12I218/873	08:20:11	SINGLE	57.5/ 60.0	10	.12	4/3	1	3	REC/UH	16K	12	115.6/28.1	237/-25	003/03:59:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/31	1			
		NOT RECEIVED														
12I219/873	08:25:11	SINGLE	57.5/ 60.0	10	.12	4/3	1	1	REC/UH	16K	12	116.3/29.1	238/-26	003/04:04:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/32	1			
		NOT RECEIVED														
12I220/873	16:00:11	SINGLE	187.5/190.0	10	.12	4/3	1	3	REC/UH	16K	12	246.7/24.6	8/-26	003/11:39:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/33	1			
		NOT RECEIVED														
12I221/873	16:05:11	SINGLE	187.5/190.0	10	.12	4/3	1	1	REC/UH	16K	12	247.3/23.6	9/-25	003/11:44:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/34	1			
		NOT RECEIVED														
12I222/885	08:35:07	SINGLE	62.5/ 65.0	10	.12	4/3	1	3	REC/UH	16K	12	120.1/29.0	242/-26	015/12:09:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/35	1			
		NOT RECEIVED														
12I223/885	08:40:07	SINGLE	62.5/ 65.0	10	.12	4/3	1	1	REC/UH	16K	12	120.9/30.0	243/-27	015/12:14:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/36	1			
		NOT RECEIVED														
12I224/885	16:05:08	SINGLE	185.0/187.5	10	.12	4/3	1	3	REC/UH	16K	12	244.4/22.7	6/-24	015/19:39:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/37	1			
		NOT RECEIVED														
12I225/885	16:10:08	SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	12	245.0/21.7	6/-23	015/19:44:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/38	1			
		NOT RECEIVED														
11I226/886	15:15:34	SINGLE	200.0/225.0	-30	.12	3/3	1	4	REC/UH	16K	12	236.7/32.3	173/-34	016/19:30:00	00:45.6	
		RED	ISDR 216	376	7	0	0		107.30	29.06		DN0085/39	1			
		NOT RECEIVED														
12I227/897	08:40:05	SINGLE	65.0/ 67.5	10	.12	4/3	1	3	REC/UH	16K	12	122.8/27.8	245/-24	027/20:09:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/40	1			
		NOT RECEIVED														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I228/897 08:45:05		SINGLE	65.0/ 67.5	10	.12	4/3	1	1	REC/UH	16K	12	123.6/28.7	245/-25	027/20:14:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/41	1			
		NOT RECEIVED														
12I229/897 15:50:05		SINGLE	180.0/182.5	10	.12	4/3	1	3	REC/UH	16K	12	239.3/24.9	0/-27	028/03:19:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/42	1			
		NOT RECEIVED														
12I230/897 15:55:05		SINGLE	180.0/182.5	10	.12	4/3	1	1	REC/UH	16K	12	240.1/24.0	1/-26	028/03:24:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0085/43	1			
		NOT RECEIVED														
12I231/901 14:21:43		SINGLE	20.0/ 30.0	-20	.04	0/2	1	3	REC/UH	16K	12	222.0/40.1	342/-41	032/04:29:58	00:54.5	
		8B2	ISDR 258	376	7	0	0		107.30	29.06		DN0086/01	1			
		NOT RECEIVED														
12I232/908 11:09:59		SINGLE	280.0/307.5	-20	.12	3/3	1	4	REC/UH	16K	12	158.5/47.3	278/-45	039/05:55:21	00:50.1	
		RED	ISDR 237	376	7	0	0		107.30	29.06		DN0086/02	1			
		NOT RECEIVED														
12I233/909 08:50:02		SINGLE	67.5/ 70.0	10	.12	4/3	1	3	REC/UH	16K	12	125.8/27.3	247/-24	040/04:14:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0086/03	1			
		NOT RECEIVED														
12I234/909 08:55:02		SINGLE	67.5/ 70.0	10	.12	4/3	1	1	REC/UH	16K	12	126.6/28.2	248/-25	040/04:19:59	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0086/04	1			
		NOT RECEIVED														
12I235/909 15:50:01		SINGLE	177.5/180.0	10	.12	4/3	1	3	REC/UH	16K	12	236.4/24.5	358/-26	040/11:14:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0086/05	1			
		NOT RECEIVED														
12I236/909 15:55:01		SINGLE	177.5/180.0	10	.12	4/3	1	1	REC/UH	16K	12	237.2/23.5	358/-25	040/11:19:58	00:05.6	
		SUN	ISDR 29	376	7	0	0		107.30	29.06		DN0086/06	1			
		NOT RECEIVED														
12I237/920 07:19:35		SINGLE	57.5/ 60.0	10	.12	4/3	1	0	REC/UH	16K	-25	115.2/ 7.6	237/ -4	051/10:00:00	00:05.6	
		SUN	SDR 23	22	1	0	0		111.09	10.91		DN0086/07	1			
		DIURNAL SUN														
12I238/920 07:24:35		SINGLE	57.5/ 60.0	10	.12	4/3	1	2	REC/UH	16K	-25	115.7/ 8.6	238/ -5	051/10:05:00	00:05.6	
		SUN	SDR 23	22	1	0	0		32.56	14.32		DN0086/08	1			
		DIURNAL SUN														
12I239/920 07:44:35		SINGLE	60.0/ 62.5	10	.12	4/3	1	1	REC/UH	16K	-25	118.0/12.6	240/ -9	051/10:25:00	00:05.6	
		SUN	SDR 23	22	1	0	0		57.51	11.02		DN0086/09	1			
		DIURNAL SUN														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS		
12I240/920	07:49:35	SINGLE	60.0/ 62.5	10	.12	4/3	1	3	REC/UH	16K	-25	118.5/13.6	241/-10	051/10:30:00	00:05.6
		SUN	SDR	23	22	1	0	0	116.80	65.21		DN0086/10	1		
		DIURNAL	SUN												
12I241/920	08:24:35	SINGLE	65.0/ 67.5	10	.12	4/3	1	1	REC/UH	16K	-25	123.0/20.4	245/-17	051/11:05:00	00:05.6
		SUN	SDR	23	22	1	0	0	57.48	10.81		DN0086/11	1		
		DIURNAL	SUN												
12I242/920	08:29:35	SINGLE	65.0/ 67.5	10	.12	4/3	1	3	REC/UH	16K	-23	123.7/21.3	246/-18	051/11:10:00	00:05.6
		SUN	SDR	23	22	1	0	0	106.02	65.85		DN0086/12	1		
		DIURNAL	SUN												
12I243/920	08:59:35	SINGLE	70.0/ 72.5	10	.12	4/3	1	1	REC/UH	16K	-55	128.2/26.8	250/-24	051/11:40:00	00:05.6
		SUN	SDR	20	22	1	3	1	58.53	9.97		DN0086/13	1		
		DIURNAL	SUN												
12I244/920	09:04:35	SINGLE	70.0/ 72.5	10	.12	4/3	1	3	REC/UH	16K	-23	129.1/27.7	251/-24	051/11:45:00	00:05.6
		SUN	SDR	21	0	0	1	1	115.55	68.10		DN0086/14	1		
		DIURNAL	SUN												
12I245/920	09:39:35	SINGLE	77.5/ 80.0	10	.12	4/3	1	1	REC/UH	16K	-21	135.4/33.5	257/-30	051/12:20:00	00:05.6
		SUN	SDR	20	0	0	2	1	57.61	12.15		DN0086/15	1		
		DIURNAL	SUN												
12I246/920	09:44:35	SINGLE	77.5/ 80.0	10	.12	4/3	1	3	REC/UH	16K	-21	136.4/34.3	258/-31	051/12:25:00	00:05.6
		SUN	SDR	21	22	1	2	1	113.54	62.81		DN0086/16	1		
		DIURNAL	SUN												
12I247/920	10:19:35	SINGLE	85.0/ 87.5	10	.12	4/3	1	1	REC/UH	16K	-19	144.2/39.3	265/-37	051/13:00:00	00:05.6
		SUN	SDR	21	22	1	2	1	58.90	10.29		DN0086/17	1		
		DIURNAL	SUN												
12I248/920	10:24:35	SINGLE	85.0/ 87.5	10	.12	4/3	1	3	REC/UH	16K	-17	145.4/40.0	266/-37	051/13:05:00	00:05.6
		SUN	SDR	23	22	1	0	0	107.53	60.33		DN0086/18	1		
		DIURNAL	SUN												
12I249/920	14:44:35	SINGLE	162.5/165.0	10	.12	4/3	1	1	REC/UH	16K	-4	222.2/35.3	342/-36	051/17:24:59	00:05.6
		SUN	SDR	23	22	1	0	0	60.02	11.13		DN0086/19	1		
		DIURNAL	SUN												
12I250/920	14:49:35	SINGLE	162.5/165.0	10	.12	4/3	1	3	REC/UH	16K	-4	223.2/34.5	344/-35	051/17:29:59	00:05.6
		SUN	SDR	23	22	1	0	0	39.65	44.20		DN0086/20	1		
		DIURNAL	SUN												
12I251/920	15:00:35	SINGLE	172.5/232.5	10	.12	1/3	1	5	REC/UH	16K	-4	225.4/32.8	346/-34	051/17:40:59	01:47.9
		BLU	SDR	502	501	1	0	0	97.94	52.23		DN0086/21	1		
		PM SKY	BRITE												

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURATION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12I252/920 16:09:35		SINGLE	177.5/180.0	10	.12	4/3	1	1	REC/UH	16K	-4	236.7/20.6	358/-22	051/18:50:00	00:05.6	
		SUN	SDR 23	22	1	0	0		59.75	10.04		DN0086/22	1			
		DIURNAL SUN														
12I253/920 16:14:35		SINGLE	177.5/180.0	10	.12	4/3	1	3	REC/UH	16K	-4	237.4/19.7	359/-21	051/18:55:00	00:05.6	
		SUN	SDR 23	22	1	0	0		41.66	45.98		DN0086/23	1			
		DIURNAL SUN														
12I254/920 17:09:35		SINGLE	185.0/187.5	10	.12	4/3	1	1	REC/UH	16K	-4	244.1/ 8.9	6/-11	051/19:50:00	00:05.6	
		SUN	SDR 23	22	1	0	0		60.80	15.06		DN0086/24	1			
		DIURNAL SUN														
12I255/920 17:14:35		SINGLE	185.0/187.5	10	.12	4/3	1	3	REC/UH	16K	-4	244.6/ 7.9	6/-10	051/19:55:00	00:05.6	
		SUN	SDR 23	22	1	0	0		48.11	52.06		DN0086/25	1			
		DIURNAL SUN														
12J000/920 17:54:35		COLOR	192.5/192.5	10	.12	1/1	1	4	REC/UH	250	-4	248.5/-0.4	11/ -2	051/20:35:00	36:11.2	R
		BLU	ISDR 49	2	50	2	2		47.65	46.75		DN0086/26	1			
		GRN	ISDR 51	2	50	0	0		55.96	56.87		DN0086/27	1			
		RED	ISDR 50	2	50	1	1		79.59	72.17		DN0086/28	1			
		PM TWILIGHT RESCAN														
12J001/920 18:34:35		COLOR	195.0/195.0	10	.12	1/1	1	3	REC/UH	250	-8	252.0/-8.9	14/ 6	051/21:15:00	36:11.2	R
		BLU	ISDR 51	2	51	1	1		98.63	64.99		DN0086/29	1			
		GRN	ISDR 50	2	51	2	2		109.40	58.82		DN0086/30	1			
		RED	ISDR 51	2	51	1	1		112.23	67.49		DN0086/31	1			
		PM TWILIGHT RESCAN														
12J002/920 19:14:35		COLOR	197.5/197.5	10	.12	1/1	1	1	REC/UH	250	-6	255.0/-17	18/ 14	051/21:55:00	36:11.2	R
		BLU	ISDR 50	2	50	1	1		62.92	9.30		DN0086/32	1			
		GRN	ISDR 51	2	50	0	0		63.08	9.18		DN0086/33	1			
		RED	ISDR 51	2	50	0	0		63.65	9.51		DN0086/34	1			
		PM TWILIGHT RESCAN														
12J003/921 08:54:58		SINGLE	147.5/157.5	-50	.04	8/2	1	2	REC/UH	16K	-17	127.6/25.8	249/-23	052/12:14:59	00:54.5	
		B61	SDR 252	251	1	0	0		147.73	33.61		DN0086/35	1			
		F/C E062/347 REPRO														
11J004/921 10:59:56		SINGLE	170.0/195.0	-10	.04	13/2	1	4	REC/UH	16K	-12	154.9/43.7	91/-41	052/14:19:56	02:14.5	
		B83	SDR 626	0	0	0	0		131.27	32.47		DN0086/36	1			
		WHALE ROCK SLUMP														
12J005/921 11:14:58		COLOR	280.0/310.0	-20	.12	1/1	1	4	REC/UH	16K	-8	159.3/45.0	279/-43	052/14:34:58	02:41.2	
		BLU	SDR 249	0	0	2	1		81.70	41.30		DN0086/37	1			
		GRN	SDR 249	0	0	2	1		92.35	44.07		DN0086/38	1			
		RED	SDR 249	0	0	2	1		122.35	49.81		DN0086/39	1			
		F/C C163/239 REPRO														

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CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
			DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL	LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
11J006/921	12:34:58	COLOR	205.0/265.0		-30 .12	1/1	1	4	REC/UH	16K	-4	185.6/47.4	121/-46	052/15:54:58	05:21.2	
		BLU	SDR	498	0 0	3	3		56.28	27.05		DN0086/40	1			
		GRN	SDR	498	0 0	3	3		77.96	32.24		DN0086/41	1			
		RED	SDR	499	0 0	2	2		118.01	30.80		DN0086/42	1			
		F/C D128/302 REPRO														
11J007/921	14:14:59	SINGLE	250.0/257.5		-30 .04	0/2	1	3	REC/UH	16K	2	215.2/39.4	151/-40	052/17:34:59	00:41.2	
		BB2	SDR	187	0 0	2	1		173.24	28.49		DN0086/43	1			
		CONICAL PILE #														
12J008/921	14:21:44	SINGLE	20.0/ 27.5		-20 .04	0/2	1	3	REC/UH	16K	2	216.9/38.5	337/-39	052/17:41:44	00:41.2	
		BB2	SDR	187	0 0	2	1		168.60	48.27		DN0086/44	1			
		CONICAL PILE #														
11J009/921	14:24:59	SINGLE	150.0/170.0		-10 .04	5/2	1	2	REC/UH	16K	2	217.6/38.0	154/-39	052/17:44:59	01:47.9	
		BB4	SDR	496	0 0	5	2		164.01	57.90		DN0086/45	1			
		F/C C210/260 REPRO														
11J010/921	14:27:19	SINGLE	150.0/170.0		-10 .04	5/2	5	2	REC/UH	16K	2	218.2/37.7	154/-38	052/17:47:19	01:47.9	
		BB4	SDR	502	501 1	0	0		186.44	51.59		DN0086/46	1			
		F/C C211/260 REPRO														
11J011/921	14:29:39	SINGLE	150.0/170.0		-10 .04	5/2	9	2	REC/UH	16K	2	218.7/37.4	155/-38	052/17:49:39	01:47.9	
		BB4	SDR	502	501 1	0	0		79.39	49.81		DN0086/47	1			
		F/C C212/260 REPRO														
12J012/921	15:04:59	SINGLE	75.0/107.5		-10 .04	5/2	1	3	REC/UH	16K	4	226.0/32.0	347/-33	052/18:24:59	02:54.5	
		BB4	SDR	811	814 1	4	3		138.26	35.97		DN0086/48	1			
		F/C C184/246 REPRO														
11J013/921	15:19:22	SINGLE	270.0/280.0		-20 .04	0/2	1	3	REC/UH	16K	2	228.7/29.6	165/-31	052/18:39:22	00:54.5	
		BB2	SDR	251	251 1	1	1		124.19	31.66		DN0086/49	1			
		CONICAL PILE #														
11J014/921	15:29:59	SINGLE	.0/ 2.5		0 .12	8/3	1	4	REC/UH	16K	2	230.5/27.8	167/-29	052/18:49:59	00:05.6	
		BB1	SDR	24	22 2	0	0		105.86	50.04		DN0086/50	1			
		SCAN VERIFICATION														
11J015/921	15:30:05	SINGLE	170.0/170.0		-40	/7			REC/UH	16K	2	230.5/27.8	167/-29	052/18:50:05	00:18.0	
		CAL	SDR	84	0 0	0	0		.00	.00		DN0086/51	1			
		CALIBRATION FRAME														
12J016/921	15:32:59	SINGLE	.0/ 2.5		0 .12	8/3	1	4	REC/UH	16K	4	231.0/27.3	352/-29	052/18:52:59	00:05.6	
		BB1	SDR	24	22 2	0	0		94.26	52.00		DN0086/52	1			
		SCAN VERIFICATION														

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VL-1 CAMERA EVENT REPORT

CE LABEL	LLT	DIODE	AZIMUTH START/STOP	CENTER ELEV	STEP	CHAN MODE	OFFSET	GAIN	DATA PATH	SCAN RATE	PSA TEMP(C)	SOLAR AZ/EL	ANTISOLAR AZ/EL	GMT	DURA- TION	RSCN /DUST
		DATA RECORD	TOTAL LINES	RESCAN BEGIN/TOTAL		LINES MISSED	GAPS		AVE DN VALUE	STAND DEV		EDR TAPE/FILE	# OF EDR SEGMENTS			
12J017/921	15:33:05	SINGLE	170.0/170.0	-40		/7			REC/UH	16K	4	231.0/27.3	352/-29	052/18:53:05	00:18.0	
		CAL	SDR 84	0	0	0	0		.00	.00		DN0086/53	1			
		CALIBRATION FRAME														

CAMERA EVENTS NOT RECEIVED

VL-1 Camera Events Not Received

VL-1
IMAGES NOT RECEIVED ON EARTH

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12A015/002	15:48:56	BB4	155.0	235.0	0	.04	1	4	283.3	43.7
11A020/003	15:47:11	CLR	197.5	340.0	-10	.12	1	4	283.2	44.1
12A082/012	16:05:39	BB1	132.5	165.0	-50	.04	1	4	283.6	40.0
12B204/131	17:05:08	SUN	212.5	215.0	30	.04	1	3	270.8	18.0
12B205/131	17:33:08	SUN	215.0	217.5	20	.04	1	2	273.3	11.7
11B214/157	06:24:49	SUN	210.0	212.5	10	.04	1	2	91.7	8.4
12B215/157	06:59:58	BB3	205.0	215.0	-10	.04	1	4	95.1	16.3
11B216/157	07:13:58	SUN	215.0	217.5	20	.04	1	3	96.5	19.4
11B217/157	07:14:14	CAL	170.0	170.0	-40			0	96.4	19.4
11C209/260	13:27:10	CLR	112.5	320.0	10	.12	1	5	200.4	43.8
11C214/261	08:32:44	SUN	242.5	245.0	20	.04	1	1	124.7	20.0
11C215/261	12:08:35	SURV	.0	332.5	-10	.12	1	4	175.2	46.2
11D003/271	10:15:22	CLR	117.5	230.0	-10	.12	1	4	142.7	35.0
11D058/288	04:02:44	BLU	195.0	262.5	0	.04	1	3	103.4	-40.0
12F159/431	17:37:52	SUN	192.5	195.0	30	.04	1	1	251.5	24.4
12F183/435	17:29:31	SUN	192.5	195.0	30	.04	1	1	251.4	26.4
12F186/438	17:25:46	SUN	192.5	195.0	30	.04	1	1	251.7	27.4
11F252/470	08:59:59	BB1	340.0	340.0	0	.04	1	4	98.7	25.5
11G001/470	09:04:14	IR	257.5	262.5	10	.12	9	5	99.1	26.4
11G051/478	18:37:16	SUN	27.5	30.0	20	.04	1	1	268.9	12.6
11G052/479	08:27:40	SUN	212.5	215.0	20	.04	1	2	93.8	19.6
11G053/479	18:32:40	SUN	27.5	30.0	20	.04	1	1	268.7	13.6
11G054/480	08:28:05	SUN	212.5	215.0	20	.04	1	2	93.7	19.9
11G055/480	18:33:05	SUN	27.5	30.0	20	.04	1	1	269.0	13.5
11H007/552	07:07:47	SUN	195.0	197.5	20	.04	1	2	76.5	12.3
11H008/552	17:32:47	SUN	37.5	40.0	30	.04	1	2	278.9	25.5
11H234/638	06:18:15	SUN	185.0	187.5	10	.12	1	1	67.1	9.1
11H235/638	18:18:16	SUN	50.0	52.5	10	.12	1	1	291.4	13.0
12I208/849	08:05:17	SUN	50.0	52.5	10	.12	1	3	108.1	28.4
12I209/849	08:10:17	SUN	50.0	52.5	10	.12	1	1	108.7	29.4
12I210/849	16:10:17	SUN	195.0	197.5	10	.12	1	3	253.9	24.8
12I211/849	16:15:17	SUN	195.0	197.5	10	.12	1	1	254.5	23.7
11I212/856	15:23:11	RED	200.0	225.0	-30	.12	1	4	245.7	34.0
12I213/861	08:05:14	SUN	52.5	55.0	10	.12	1	3	110.9	26.8
12I214/861	08:10:14	SUN	52.5	55.0	10	.12	1	1	111.6	27.9
12I215/861	16:15:13	SUN	192.5	195.0	10	.12	1	3	251.6	22.5
12I216/861	16:20:13	SUN	192.5	195.0	10	.12	1	1	252.2	21.5
11I217/871	15:19:22	BB2	270.0	280.0	-20	.04	1	3	241.2	33.1
12I218/873	08:20:11	SUN	57.5	60.0	10	.12	1	3	115.6	28.1
12I219/873	08:25:11	SUN	57.5	60.0	10	.12	1	1	116.3	29.1
12I220/873	16:00:11	SUN	187.5	190.0	10	.12	1	3	246.7	24.6
12I221/873	16:05:11	SUN	187.5	190.0	10	.12	1	1	247.3	25.6
12I222/885	08:35:07	SUN	62.5	65.0	10	.12	1	3	120.1	29.0
12I223/885	08:40:07	SUN	62.5	65.0	10	.12	1	1	120.9	30.0
12I224/885	16:05:08	SUN	185.0	187.5	10	.12	1	3	244.4	22.7
12I225/885	16:10:08	SUN	185.0	187.5	10	.12	1	1	245.0	21.7
11I226/886	15:15:34	RED	200.0	225.0	-30	.12	1	4	236.7	32.3
12I227/897	08:40:05	SUN	65.0	67.5	10	.12	1	3	122.8	27.8
12I228/897	08:45:05	SUN	65.0	67.5	10	.12	1	1	123.6	28.7
12I229/897	15:50:05	SUN	180.0	182.5	10	.12	1	3	239.3	24.9
12I230/897	15:55:05	SUN	180.0	182.5	10	.12	1	1	240.1	24.0
12I231/901	14:21:43	BB2	20.0	30.0	-20	.04	1	3	222.0	40.1
12I232/908	11:09:59	RED	280.0	307.5	-20	.12	1	4	158.5	47.3
12I233/909	08:50:02	SUN	67.5	70.0	10	.12	1	3	125.8	27.3
12I234/909	08:55:02	SUN	67.5	70.0	10	.12	1	1	126.6	28.2
12I235/909	15:50:01	SUN	177.5	180.0	10	.12	1	3	236.4	24.5
12I236/909	15:55:01	SUN	177.5	180.0	10	.12	1	1	237.2	23.5

HIGH-RESOLUTION CAMERA EVENTS IN EVENT ORDER

VL-1 High-Resolution Camera Events in Event Order

VL-1
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11B199/115	09:05:00	BB2	210.0	230.0	-30	.04	1	4	97.7	46.6
11B202/117	06:59:58	BB3	187.5	215.0	-10	.04	1	3	85.9	18.4
12B203/118	06:59:59	BB3	20.0	37.5	-10	.04	1	3	86.1	18.4
12B206/150	06:59:59	BB1	27.5	37.5	-40	.04	1	4	93.4	16.8
12B207/151	06:59:59	BB1	160.0	167.5	-50	.04	1	4	93.7	16.7
12B208/151	13:34:59	BB1	285.0	290.0	-20	.04	1	4	232.3	60.5
12B209/151	14:09:59	BB2	20.0	30.0	-30	.04	1	4	242.1	53.9
11B210/151	14:14:59	BB2	290.0	300.0	-30	.04	1	4	243.3	52.9
12B213/156	06:59:59	BB1	295.0	305.0	-30	.04	1	4	94.8	16.3
12B218/158	17:30:00	BB4	105.0	140.0	0	.04	1	4	267.4	9.5
11B219/159	06:59:59	BB1	277.5	295.0	-50	.04	1	4	95.5	16.1
11B220/163	17:29:59	BB4	235.0	335.0	0	.04	1	4	266.3	9.0
11B221/163	17:40:59	BB3	197.5	205.0	-30	.04	1	4	267.4	6.5
11B222/164	17:29:59	BB4	75.0	92.5	0	.04	1	4	266.1	8.9
11B223/164	17:34:59	BB4	150.0	235.0	0	.04	1	4	266.6	7.7
11B224/165	06:59:58	BB1	305.0	315.0	-50	.04	1	4	97.0	15.6
11B225/165	07:04:58	BB3	285.0	315.0	-20	.04	1	4	97.5	16.7
11B226/165	07:09:58	BB3	247.5	272.5	-30	.04	1	4	98.0	17.8
12B227/165	16:59:59	BB4	7.5	90.0	0	.04	1	4	263.8	15.5
12B228/165	17:09:59	BB3	100.0	115.0	-10	.04	1	4	264.0	13.2
11B229/165	17:19:59	BB4	7.5	75.0	0	.04	1	4	264.9	11.0
11B230/166	17:30:00	BB2	217.5	317.5	-30	.04	1	2	265.7	8.6
12B231/167	17:30:00	BB4	287.5	332.5	0	.04	1	2	265.4	8.5
12B233/168	13:34:59	BB1	285.0	290.0	-20	.04	1	4	227.0	57.4
12B234/168	17:19:59	BB2	7.5	77.5	-30	.04	1	2	264.3	10.7
12B235/168	17:29:59	BB2	115.0	195.0	-30	.04	1	2	265.2	8.4
12B244/171	17:29:59	BB1	45.0	167.5	-50	.04	1	2	264.5	8.1
12B249/172	17:24:59	BB4	200.0	215.0	-10	.04	1	2	263.8	9.2
11B250/172	17:29:59	BB1	177.5	330.0	-50	.04	1	2	264.3	8.0
12B251/173	14:29:59	BB2	22.5	60.0	-30	.04	1	4	240.1	46.6
12B252/174	14:30:00	BB4	27.5	77.5	-10	.04	1	4	239.8	46.4
11B254/174	16:42:00	BB2	150.0	197.5	-30	.04	1	2	259.0	18.5
11C010/177	14:14:58	BB1	225.0	240.0	-40	.04	1	4	235.6	48.8
12C011/177	14:19:58	BB1	12.5	22.5	-20	.04	1	4	236.8	47.9
12C015/178	14:29:59	BB4	277.5	290.0	0	.04	1	4	238.7	45.9
11C016/178	14:34:59	BB4	265.0	290.0	-10	.04	1	4	239.7	44.9
11C017/178	17:29:59	BB2	317.5	330.0	-30	.04	1	2	262.9	7.5
12C018/178	17:34:59	BB1	20.0	32.5	-40	.04	1	2	263.4	6.3
12C030/182	13:20:00	BB2	92.5	102.5	-30	.04	1	4	217.8	57.0
11C031/182	14:37:00	BB4	72.5	80.0	-10	.04	1	3	239.0	43.9
11C032/182	14:39:00	BB3	147.5	155.0	-20	.04	1	4	239.4	43.5
11C033/182	14:41:00	BB3	297.5	307.5	-20	.04	1	4	239.8	43.1
11C034/182	14:43:00	BB3	325.0	335.0	-20	.04	1	4	240.2	42.8
11C035/182	16:30:00	BB4	72.5	80.0	-10	.04	1	3	255.8	20.4
12C036/182	16:32:00	BB4	265.0	267.5	-10	.04	1	3	256.0	19.9
11C037/183	06:59:59	BB4	72.5	80.0	-10	.04	1	3	101.2	13.8
11C038/183	07:01:59	BB4	127.5	132.5	-10	.04	1	2	101.4	14.3
11C039/183	07:03:59	BB1	302.5	307.5	-40	.04	1	2	101.6	14.7
12C040/183	07:05:59	BB1	45.0	52.5	-50	.04	1	3	101.8	15.2
12C041/183	07:07:59	BB1	77.5	82.5	-40	.04	1	2	102.0	15.6
12C042/183	07:09:59	BB4	40.0	65.0	-10	.04	1	3	102.2	16.1
12C043/183	07:13:59	BB2	10.0	25.0	-30	.04	1	3	102.6	16.9
12C044/183	07:16:59	BB2	32.5	60.0	-20	.04	1	3	103.0	17.6
11C075/202	14:08:40	BB2	200.0	210.0	-30	.04	1	3	227.0	46.1
11C076/203	12:29:59	BB1	282.5	290.0	-30	.04	1	3	192.7	57.3
12C077/203	14:21:59	BB2	17.5	25.0	-20	.04	1	3	229.9	43.7
11C078/204	14:17:59	BB2	200.0	210.0	-30	.04	1	3	228.7	44.2
12C079/204	14:21:59	BB2	17.5	25.0	-20	.04	1	3	229.6	43.5
12C080/207	07:35:59	BB3	25.0	37.5	-10	.04	1	2	110.3	18.5
11C081/207	09:59:59	BB3	150.0	220.0	-10	.04	1	3	135.4	46.0
11C082/207	10:19:59	BB1	182.5	270.0	-50	.04	1	3	140.9	49.0
11C085/207	15:41:38	BB2	160.0	250.0	-30	.04	1	3	243.4	28.2
12C099/209	07:35:59	BB4	205.0	215.0	-10	.04	1	2	110.7	18.2
12C109/210	14:29:31	BB2	95.0	105.0	-20	.04	1	3	229.7	41.5
12C110/210	15:29:31	BB2	95.0	105.0	-20	.04	1	3	240.8	30.3
12C111/210	15:59:31	BB2	95.0	105.0	-20	.04	1	3	245.2	24.3
12C112/210	16:29:31	BB2	95.0	105.0	-20	.04	1	2	249.0	18.1
12C113/210	16:44:31	BB2	95.0	105.0	-20	.04	1	2	250.7	14.9
12C114/210	16:59:31	BB2	95.0	105.0	-20	.04	1	1	252.3	11.7
12C115/210	17:14:31	BB2	95.0	105.0	-20	.04	1	1	253.9	8.5

VL-1
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11C123/218	14:20:00	BB2	200.0	210.0	-30	.04	1	3	225.4	42.0
12C124/218	14:25:00	BB2	17.5	25.0	-20	.04	1	3	226.5	41.2
11C127/219	14:20:00	BB2	200.0	210.0	-30	.04	1	3	225.1	41.9
12C128/219	14:25:00	BB2	17.5	25.0	-20	.04	1	3	226.3	41.1
12C129/221	12:34:42	BB2	95.0	155.0	-30	.04	1	3	191.5	53.2
11C147/224	10:59:59	BB4	150.0	210.0	0	.04	1	3	155.3	49.9
12C148/231	14:21:59	BB2	12.5	35.0	-20	.04	1	3	222.4	40.2
12C158/232	13:19:59	BB1	55.0	117.5	-50	.04	1	3	205.1	47.9
12C159/232	13:26:59	BB4	70.0	115.0	0	.04	1	3	207.3	47.2
11C162/239	10:00:00	BB3	150.0	220.0	-10	.04	1	3	139.2	39.2
12C164/239	12:49:59	BB1	285.0	292.5	-20	.04	1	3	193.5	49.0
12C183/246	10:59:59	BB3	5.0	35.0	-10	.04	1	4	155.2	45.0
12C184/246	14:59:59	BB4	70.0	115.0	0	.04	1	3	226.6	33.1
12C187/250	16:00:00	BB2	102.5	110.0	-20	.04	1	2	235.7	22.4
12C191/255	14:20:00	BB2	17.5	25.0	-20	.04	1	3	215.8	38.6
11C210/260	14:29:59	BB4	150.0	170.0	-10	.04	1	2	216.9	37.0
11C211/260	14:34:59	BB4	150.0	170.0	-10	.04	5	2	218.0	36.3
11C212/260	14:39:59	BB4	150.0	170.0	-10	.04	9	2	219.1	35.6
11C217/262	12:59:59	BB1	235.0	260.0	-50	.04	1	3	191.7	45.3
12C242/270	13:14:59	BB1	17.5	22.5	-20	.04	1	2	194.4	43.8
12C243/270	13:16:29	BB1	17.5	22.5	-20	.04	5	3	194.9	43.7
11C244/270	13:24:03	BB1	225.0	230.0	-30	.04	1	2	197.1	43.3
11C245/270	13:25:33	BB1	225.0	230.0	-30	.04	5	3	197.6	43.2
11C246/270	13:31:58	BB1	232.5	237.5	-10	.04	1	2	199.4	42.7
11C247/270	13:33:28	BB1	232.5	237.5	-10	.04	5	3	199.9	42.6
11C248/270	13:44:01	BB1	232.5	237.5	-10	.04	1	2	202.8	41.7
11C249/270	13:45:31	BB1	232.5	237.5	-10	.04	5	3	203.3	41.6
11C250/270	13:53:55	BB1	232.5	237.5	-10	.04	1	3	205.5	40.8
11C251/270	14:04:50	BB1	232.5	237.5	-10	.04	1	2	208.4	39.7
11C252/270	14:06:20	BB1	232.5	237.5	-10	.04	5	3	208.8	39.5
11C253/270	14:15:29	BB1	232.5	237.5	-10	.04	1	2	211.1	38.5
11C254/270	14:16:59	BB1	232.5	237.5	-10	.04	5	3	211.4	38.3
11C255/270	14:25:42	BB1	232.5	237.5	-10	.04	1	2	213.5	37.3
11D000/270	14:27:12	BB1	232.5	237.5	-10	.04	5	3	213.9	37.1
12D001/270	14:35:04	BB1	17.5	22.5	-20	.04	1	2	215.7	36.1
12D002/270	14:36:34	BB1	17.5	22.5	-20	.04	5	3	216.0	35.9
12D025/280	11:07:29	BB1	117.5	125.0	-10	.04	1	2	154.3	39.6
12D026/280	11:12:59	BB1	115.0	125.0	-50	.04	1	2	155.7	40.1
12D027/280	11:18:14	BB1	115.0	125.0	-50	.04	1	2	157.1	40.6
11D028/280	11:40:59	BB1	295.0	300.0	-20	.04	1	3	163.5	42.3
12D029/280	11:43:29	BB1	100.0	110.0	-20	.04	1	3	164.2	42.5
11D030/280	12:00:59	BB1	220.0	227.5	-20	.04	1	3	169.4	43.4
11D031/280	12:10:14	BB2	217.5	225.0	-30	.04	1	3	172.2	43.7
12D032/280	12:13:29	BB1	30.0	35.0	-20	.04	1	3	173.2	43.8
11D034/281	13:59:59	BB2	160.0	250.0	-30	.04	1	3	204.6	39.9
12D036/282	09:59:59	BB4	70.0	115.0	0	.04	1	3	138.8	30.9
12D039/282	11:59:59	BB2	95.0	145.0	-30	.04	1	4	168.8	43.1
12D043/282	13:04:59	BB3	5.0	35.0	-10	.04	1	4	188.7	43.5
12D044/282	16:00:00	BB1	55.0	117.5	-50	.04	1	3	229.2	23.4
12D060/288	13:59:59	BB3	42.5	47.5	-20	.04	1	3	203.0	39.9
11D061/288	14:04:59	BB2	232.5	237.5	-30	.04	1	3	204.3	39.5
11D066/289	09:59:59	BB4	157.5	170.0	-10	.04	1	3	138.3	29.8
12D090/296	09:08:59	BB2	115.0	122.5	-40	.04	1	2	129.2	20.4
12D091/296	09:10:29	BB2	40.0	60.0	-30	.04	1	2	129.5	20.7
11D092/296	10:30:59	BB3	207.5	217.5	-30	.04	1	3	143.7	33.2
12D093/296	10:33:29	BB3	22.5	32.5	-20	.04	1	3	144.2	33.6
11D095/297	09:59:58	BB4	150.0	180.0	-10	.04	1	3	137.5	28.7
11D121/302	09:10:30	BB3	275.0	280.0	-20	.04	1	3	129.0	19.9
11D122/302	09:15:30	BB3	275.0	280.0	-20	.04	1	3	129.7	20.7
11D123/302	09:32:00	BB3	275.0	280.0	-20	.04	1	3	132.2	23.5
12D124/302	09:34:00	BB3	82.5	87.5	-20	.04	1	3	132.5	23.9
12D139/303	13:09:59	BB2	12.5	35.0	-20	.04	1	3	185.5	42.8
12D147/306	11:11:29	BB3	290.0	295.0	-20	.04	1	1	151.3	37.1
12D148/306	11:12:59	BB3	290.0	295.0	-20	.04	3	2	151.7	37.3
12D149/306	11:24:59	BB1	17.5	22.5	-20	.04	1	3	154.7	38.5
12D150/306	11:36:15	BB1	17.5	22.5	-20	.04	1	3	157.6	39.5
12D151/306	11:50:45	BB3	290.0	295.0	-20	.04	1	1	161.5	40.7
12D152/306	11:52:15	BB3	290.0	295.0	-20	.04	3	2	161.9	40.8
12D154/307	11:00:00	BB1	285.0	290.0	-20	.04	1	4	148.5	35.7
11D158/309	10:59:59	BB1	177.5	202.5	-50	.04	1	4	148.1	35.6

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HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11D183/317	14:29:59	BB2	180.0	260.0	-30	.04	1	4	205.3	38.7
11D185/318	11:05:17	BB2	275.0	305.0	-30	.04	1	3	147.8	35.7
12D186/318	11:08:47	BB2	82.5	112.5	-30	.04	1	3	148.6	36.1
11D192/320	10:59:59	BB1	177.5	195.0	-50	.04	1	4	146.2	34.9
12D196/321	11:16:44	BB1	27.5	35.0	-10	.04	3	3	149.9	36.9
11D203/323	10:51:02	BB2	275.0	305.0	-30	.04	1	3	143.7	33.6
12D204/323	10:54:32	BB2	82.5	112.5	-30	.04	1	3	144.5	34.1
12D212/324	13:06:59	BB1	17.5	22.5	-10	.04	1	4	180.2	43.5
11D213/324	13:18:54	BB2	215.0	227.5	-30	.04	1	4	183.9	43.4
11D214/324	13:20:45	BB3	267.5	280.0	-20	.04	1	4	184.4	43.4
12D215/324	13:22:46	BB3	87.5	92.5	-20	.04	1	4	185.0	43.3
12D216/324	13:23:57	BB3	77.5	85.0	-20	.04	1	4	185.4	43.3
11D223/326	10:00:00	BB4	160.0	167.5	-10	.04	1	4	133.6	25.9
12E003/330	14:00:00	BB2	12.5	35.0	-20	.04	1	3	195.1	42.4
12E014/338	12:23:59	BB1	150.0	155.0	0	.04	1	3	164.4	43.1
12E015/338	12:53:40	BB1	27.5	35.0	-10	.04	1	4	173.4	44.3
12E023/340	13:59:59	BB3	25.0	55.0	-10	.04	1	3	193.7	43.6
11E041/343	10:29:59	BB2	215.0	220.0	-30	.04	1	3	135.9	30.1
12E052/344	13:36:18	BB2	105.0	115.0	-40	.04	1	4	185.9	45.1
11E054/345	16:59:59	BB2	250.0	277.5	-30	.04	1	2	233.2	21.1
12E062/347	09:59:59	BB1	137.5	167.5	-50	.04	1	2	130.0	25.2
11E063/347	16:00:00	BB3	220.0	255.0	-10	.04	1	2	223.3	31.5
11E077/350	09:44:46	BB4	60.0	160.0	0	.04	1	3	127.1	22.5
11E078/350	14:19:59	BB2	227.5	232.5	-20	.04	1	3	198.7	43.8
11E079/350	14:47:59	BB2	227.5	232.5	-20	.04	1	3	206.6	41.4
11E082/351	10:59:59	BB2	215.0	307.5	-30	.04	1	2	140.3	34.8
12E083/351	11:09:59	BB2	97.5	110.0	-30	.04	1	2	142.5	36.2
11E086/353	16:49:59	BB4	270.0	335.0	-10	.04	1	2	232.1	24.2
11E090/356	13:29:59	BB1	222.5	237.5	-50	.04	1	3	182.2	46.8
12E092/357	11:05:59	BB1	15.0	20.0	-20	.04	1	2	140.4	36.0
12E093/357	11:07:29	BB1	15.0	20.0	-20	.04	5	3	140.7	36.2
12E094/357	11:15:59	BB1	15.0	20.0	-20	.04	1	2	142.6	37.4
12E095/357	11:17:29	BB1	15.0	20.0	-20	.04	5	3	143.0	37.6
12E096/357	13:47:49	BB1	150.0	157.5	0	.04	1	2	188.0	46.6
12E097/357	13:49:29	BB1	150.0	157.5	0	.04	5	3	188.5	46.5
12E099/358	13:17:50	BB1	150.0	157.5	0	.04	1	2	177.9	47.1
12E100/358	13:19:30	BB1	150.0	157.5	0	.04	5	3	178.5	47.1
12E102/359	11:29:49	BB1	150.0	157.5	0	.04	1	2	145.5	39.3
12E103/359	11:31:29	BB1	150.0	157.5	0	.04	5	3	145.9	39.5
12E111/362	16:06:20	BB2	105.0	115.0	-40	.04	1	4	225.0	33.0
11E118/364	11:49:54	BB4	40.0	60.0	-10	.04	1	3	149.6	42.2
12E133/367	16:36:19	BB2	105.0	115.0	-40	.04	1	4	230.9	28.9
12E144/369	11:44:28	BB3	290.0	295.0	-20	.04	1	1	147.2	42.1
12E145/369	11:46:28	BB3	290.0	295.0	-20	.04	3	2	147.7	42.3
12E146/369	11:51:58	BB1	27.5	35.0	-20	.04	1	1	149.2	43.0
12E147/369	11:53:58	BB1	27.5	35.0	-20	.04	3	2	149.8	43.2
12E148/369	14:59:59	BB2	115.0	125.0	-30	.04	1	3	209.3	43.4
11E160/372	10:59:59	BB4	252.5	265.0	-10	.04	1	2	136.1	36.1
12E179/376	11:35:19	BB2	132.5	142.5	-30	.04	1	3	143.4	41.6
12E180/376	11:41:49	BB2	132.5	142.5	-30	.04	1	3	145.1	42.5
12E181/376	11:48:39	BB2	132.5	142.5	-30	.04	1	3	146.9	43.3
11E182/376	11:56:29	BB2	322.5	332.5	-30	.04	1	3	149.1	44.3
12E183/376	11:58:59	BB2	132.5	142.5	-30	.04	1	3	149.8	44.6
11E192/379	13:59:59	BB3	270.0	280.0	-20	.04	1	3	190.8	50.0
12E193/379	14:04:59	BB3	77.5	82.5	-20	.04	1	3	192.6	49.8
12E194/379	14:09:59	BB3	87.5	92.5	-20	.04	1	3	194.3	49.5
11E207/384	13:59:59	BB4	170.0	210.0	0	.04	1	3	190.7	51.0
12E208/384	14:59:59	BB2	115.0	125.0	-30	.04	1	3	210.7	46.1
11E211/385	13:59:59	BB4	210.0	282.5	0	.04	1	3	190.7	51.2
12E227/387	15:30:00	BB4	112.5	242.5	0	.04	1	3	219.3	42.8
11F021/393	15:29:59	BB2	297.5	307.5	-20	.04	1	3	220.0	43.8
12F022/393	15:34:59	BB2	105.0	115.0	-30	.04	1	3	221.3	43.0
12F033/396	11:29:59	BB1	302.5	302.5	-30	.04	1	4	138.2	43.5
12F034/396	13:59:59	BB1	302.5	302.5	-30	.04	1	4	190.9	53.3
11F041/396	14:59:59	BB3	205.0	212.5	-30	.04	1	4	212.0	48.3
12F054/400	17:09:59	BB4	10.0	185.0	-10	.04	1	4	241.0	27.3
12F055/400	17:29:59	BB2	80.0	175.0	-30	.04	1	4	243.8	23.3
11F060/401	14:59:59	BB3	177.5	220.0	-10	.04	1	4	212.8	49.2
12F066/402	15:00:00	BB3	65.0	135.0	-10	.04	1	4	212.9	49.4
12F078/404	16:05:59	BB2	157.5	165.0	-30	.04	1	4	230.4	39.7

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HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12F096/408	15:19:59	BB1	285.0	292.5	-20	.04	1	4	220.0	47.7
11F097/408	15:24:59	BB1	52.5	60.0	-20	.04	1	4	221.4	47.0
11F104/408	17:11:59	BB2	267.5	282.5	-20	.04	1	4	242.9	27.8
11F154/430	16:14:59	BB2	215.0	222.5	-30	.04	1	4	238.4	41.3
11F171/433	08:47:23	BB4	287.5	332.5	0	.04	1	3	104.0	17.1
12F180/434	14:31:00	BB4	65.0	165.0	-10	.04	1	4	209.4	58.4
12F181/435	08:45:59	BB4	40.0	82.5	-10	.04	1	3	103.5	17.1
12F184/437	08:38:46	BB2	30.0	37.5	-20	.04	1	3	102.4	15.8
12F190/440	14:11:35	BB2	152.5	165.0	-30	.04	1	4	202.4	61.4
12F191/440	14:36:35	BB2	90.0	125.0	-30	.04	1	4	213.4	58.8
11F192/440	14:46:35	BB2	272.5	305.0	-30	.04	1	4	217.3	57.5
11F193/440	16:09:40	BB3	297.5	307.5	-20	.04	1	4	240.1	43.2
11F197/441	11:17:59	BB2	227.5	235.0	-30	.04	1	4	126.6	49.3
11F198/441	12:17:59	BB2	227.5	240.0	-30	.04	1	4	145.7	58.7
11F201/441	13:06:58	BB2	210.0	227.5	-30	.04	1	4	168.6	63.1
11F204/441	15:44:15	BB1	225.0	237.5	-40	.04	1	4	234.9	48.1
11F205/441	17:20:49	BB2	240.0	330.0	-30	.04	1	4	251.8	28.6
11F208/442	16:04:30	BB3	145.0	160.0	-20	.04	1	4	239.7	44.4
11F225/457	13:44:59	BB3	207.5	212.5	-30	.04	1	4	193.0	66.5
11F226/457	14:03:35	BB2	297.5	307.5	-20	.04	1	4	203.6	65.2
12F227/457	14:08:35	BB2	105.0	115.0	-30	.04	1	4	206.3	64.7
11F230/464	18:50:34	BB4	85.0	92.5	0	.04	1	3	267.0	9.5
12G041/475	14:52:28	BB1	285.0	290.0	-20	.04	1	4	232.6	60.6
12G042/475	15:27:27	BB2	20.0	30.0	-30	.04	1	4	242.5	54.0
11G043/475	15:32:27	BB2	290.0	300.0	-30	.04	1	4	243.6	52.9
11G045/476	13:11:26	BB3	267.5	282.5	-10	.04	1	4	175.2	71.0
12G046/476	13:16:26	BB1	90.0	162.5	-50	.04	1	4	179.0	71.1
11G078/488	10:01:23	BB2	297.5	307.5	-20	.04	1	4	102.7	41.9
12G079/488	10:04:23	BB2	105.0	115.0	-30	.04	1	4	103.2	42.6
11G080/488	14:06:18	BB2	202.5	210.0	-30	.04	1	4	218.9	69.4
11G087/490	10:22:13	BB2	227.5	247.5	-30	.04	1	4	105.4	46.8
11G099/502	13:02:10	BB1	282.5	290.0	-30	.04	1	4	173.7	76.2
12G100/502	13:07:10	BB2	105.0	115.0	-30	.04	1	4	178.7	76.3
11G102/503	00:10:05	BB2	240.0	330.0	-30	.04	1	4	342.5	-57.0
12G108/506	09:43:48	BB2	80.0	90.0	-30	.04	1	4	97.1	40.9
12G109/506	09:45:29	BB1	80.0	90.0	-50	.04	1	4	97.3	41.3
11G119/506	16:23:49	BB2	160.0	202.5	-30	.04	1	4	262.2	42.3
12G127/510	07:59:48	BB3	20.0	37.5	-10	.04	1	3	86.3	18.1
11G162/513	09:50:59	BB3	140.0	220.0	-10	.04	1	4	96.6	43.6
11G163/513	10:09:59	BB2	240.0	272.5	-30	.04	1	4	98.9	47.8
12G170/520	07:39:59	BB1	15.0	22.5	-20	.04	1	4	83.1	15.1
12G171/520	08:39:59	BB1	15.0	22.5	-20	.04	1	4	88.3	28.6
11G172/520	09:39:35	BB2	220.0	227.5	-30	.04	1	4	94.0	42.0
11G173/520	10:09:35	BB1	272.5	280.0	-30	.04	1	4	97.4	48.7
11G174/520	12:59:35	BB1	282.5	290.0	-30	.04	1	3	177.2	79.6
12G194/527	08:27:29	BB2	117.5	125.0	-30	.04	1	4	86.1	26.8
12G196/527	10:09:59	BB3	30.0	37.5	-20	.04	1	4	96.1	49.8
11G201/527	15:27:28	BB2	265.0	272.5	-20	.04	1	4	261.2	54.4
12G204/528	08:17:28	BB1	115.0	125.0	-40	.04	1	3	85.1	24.6
12G205/528	08:22:28	BB1	115.0	125.0	-40	.04	1	2	85.6	25.8
11G210/533	08:48:50	BB2	250.0	260.0	-30	.04	1	4	87.0	32.4
12G211/534	09:08:50	BB4	97.5	107.5	0	.04	1	3	88.6	37.0
11G220/540	16:12:50	BB2	202.5	212.5	-30	.04	1	4	270.0	43.8
12G225/542	09:30:39	BB2	117.5	125.0	-30	.04	1	4	89.2	42.9
11G226/542	09:33:39	BB1	210.0	275.0	-50	.04	1	4	89.5	43.6
12G241/546	16:10:18	BB2	150.0	165.0	-30	.04	1	4	271.1	44.2
11G243/547	07:54:50	BB2	250.0	260.0	-30	.04	1	3	80.7	22.1
12G248/550	09:11:09	BB1	117.5	127.5	-40	.04	1	4	86.2	39.5
12G249/550	09:41:09	BB1	117.5	130.0	-40	.04	1	4	88.7	46.3
12G250/550	10:11:09	BB1	120.0	132.5	-50	.04	1	3	91.5	53.0
11G252/550	10:51:09	BB2	207.5	215.0	-30	.04	1	4	96.2	62.0
12G253/550	10:56:58	BB2	105.0	115.0	-30	.04	1	4	97.0	63.3
12H002/550	11:56:58	BB1	120.0	132.5	-50	.04	1	3	111.8	76.4
12H006/551	13:51:14	BB4	75.0	110.0	-10	.04	1	5	251.4	75.0
12H013/554	19:03:36	BB4	72.5	85.0	-10	.04	1	2	286.4	5.5
11H017/557	14:40:59	BB4	142.5	145.0	0	.04	1	4	264.9	63.8
11H018/557	14:42:59	BB4	260.0	262.5	0	.04	1	4	265.2	63.4
11H026/558	14:41:00	BB4	142.5	145.0	0	.04	1	4	265.3	63.8
11H027/558	14:43:00	BB4	260.0	262.5	0	.04	1	4	265.5	63.3
12H030/561	17:01:29	BB2	105.0	115.0	-30	.04	1	4	278.2	32.1

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HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11H032/562	16:21:55	BB2	270.0	280.0	-20	.04	1	4	275.5	40.9
11H033/562	16:23:55	BB2	250.0	255.0	-30	.04	1	4	275.6	40.5
11H034/562	16:25:55	BB2	207.5	212.5	-30	.04	1	4	275.8	40.0
12H052/577	06:58:04	BB4	75.0	80.0	-10	.04	1	3	73.2	13.0
12H054/577	07:33:05	BB4	75.0	80.0	-10	.04	1	4	75.8	20.6
12H055/577	08:48:05	BB4	75.0	80.0	-10	.04	1	4	80.9	37.2
12H056/577	10:08:05	BB4	75.0	80.0	-10	.04	1	4	86.2	55.1
12H057/577	11:08:05	BB4	75.0	82.5	-10	.04	1	4	91.1	68.6
12H058/577	12:18:05	BB4	75.0	82.5	-10	.04	1	4	109.3	84.2
12H059/577	13:33:05	BB4	75.0	80.0	-10	.04	1	4	262.4	78.2
12H060/577	14:48:05	BB4	75.0	82.5	-10	.04	1	4	271.7	61.3
12H061/577	16:08:05	BB4	75.0	80.0	-10	.04	1	4	277.3	43.4
12H062/577	17:08:05	BB4	75.0	80.0	-10	.04	1	4	281.2	30.1
12H064/577	18:38:05	BB4	75.0	80.0	-10	.04	1	3	287.7	10.4
12H065/577	19:03:05	BB4	75.0	80.0	-10	.04	1	3	289.8	5.1
11H066/578	07:23:42	BB3	155.0	185.0	-10	.04	1	4	75.0	18.7
12H077/580	10:09:20	BB1	140.0	165.0	-50	.04	1	4	85.7	55.6
12H078/581	15:44:14	BB2	105.0	115.0	-30	.04	1	4	276.5	48.5
11H079/582	06:54:56	BB3	300.0	335.0	-10	.04	1	3	72.5	12.8
11H080/582	07:25:46	BB3	185.0	215.0	-10	.04	1	3	74.8	19.5
12H081/582	09:10:10	BB1	120.0	132.5	-50	.04	1	3	81.6	42.5
11H082/583	16:05:34	BB4	327.5	342.5	0	.04	1	4	278.1	43.7
11H083/583	17:52:28	BB3	155.0	185.0	-10	.04	1	4	285.1	20.1
11H086/585	16:41:23	BB3	337.5	342.5	-10	.04	1	4	280.6	35.7
12H089/586	16:01:49	BB2	105.0	115.0	-30	.04	1	4	278.4	44.4
12H103/592	17:46:25	BB3	75.0	85.0	-10	.04	1	3	285.7	21.1
12H108/594	09:00:06	BB1	120.0	132.5	-50	.04	1	3	79.7	41.3
12H134/596	17:55:46	BB3	267.5	305.0	-10	.04	1	3	286.8	19.0
11H137/597	17:54:58	BB4	90.0	155.0	0	.04	1	3	286.9	19.1
11H138/597	18:01:53	BB3	35.0	60.0	-10	.04	1	3	287.4	17.7
12H141/600	08:06:14	BB4	285.0	300.0	0	.04	1	4	76.0	29.8
11H142/600	14:49:55	BB3	40.0	62.5	-10	.04	1	4	276.8	59.8
11H143/600	15:14:23	BB4	270.0	295.0	0	.04	1	4	277.9	54.3
11H145/601	15:12:52	BB4	250.0	270.0	0	.04	1	4	278.0	54.6
12H149/604	14:45:24	BB3	285.0	305.0	-10	.04	1	4	277.3	60.6
12H152/606	15:18:59	BB1	147.5	157.5	-50	.04	1	4	279.0	53.0
12H153/607	15:19:39	BB1	160.0	167.5	-50	.04	1	4	279.2	52.9
11H154/607	15:25:26	BB4	140.0	155.0	-10	.04	1	4	279.4	51.6
12H156/608	17:56:59	BB2	107.5	115.0	-30	.04	1	4	288.1	18.4
11H158/609	14:55:18	BB4	127.5	140.0	0	.04	1	4	278.4	58.2
11H159/609	15:26:36	BB4	155.0	170.0	-10	.04	1	4	279.7	51.2
11H160/611	07:37:54	BB4	80.0	100.0	0	.04	1	4	73.5	24.5
11H161/611	07:52:32	BB4	252.5	280.0	0	.04	1	4	74.4	27.7
11H164/611	08:14:49	BB1	230.0	240.0	-40	.04	1	4	75.7	32.6
11H173/611	15:12:08	BB4	142.5	145.0	0	.04	1	4	279.4	54.5
11H174/611	15:13:38	BB4	260.0	262.5	0	.04	1	4	279.4	54.2
12H179/611	16:54:43	BB2	85.0	95.0	-30	.04	1	4	284.4	31.9
12H186/612	08:12:32	BB2	35.0	42.5	-30	.04	1	4	75.5	32.0
11H187/612	08:14:32	BB1	230.0	240.0	-40	.04	1	4	75.6	32.5
11H188/612	16:52:32	BB2	282.5	292.5	-30	.04	1	4	284.4	32.2
12H189/612	16:54:32	BB2	85.0	95.0	-30	.04	1	4	284.5	31.7
12H191/613	07:13:21	BB2	35.0	42.5	-30	.04	1	4	71.8	19.3
11H192/613	07:15:21	BB1	230.0	240.0	-40	.04	1	4	71.9	19.7
11H200/616	07:14:11	BB2	282.5	292.5	-30	.04	1	4	71.7	19.7
12H201/616	08:13:46	BB4	182.5	217.5	0	.04	1	4	75.3	32.6
11H202/616	15:13:11	BB4	170.0	200.0	-10	.04	1	4	280.0	53.9
11H203/616	15:42:57	BB2	157.5	187.5	-30	.04	1	4	281.2	47.3
12H204/618	07:15:00	BB2	85.0	95.0	-30	.04	1	4	71.7	20.0
12H205/618	07:40:53	BB3	155.0	182.5	-10	.04	1	4	73.3	25.6
12H206/618	08:21:03	BB4	227.5	285.0	0	.04	1	4	75.6	34.3
11H207/618	15:23:42	BB3	202.5	230.0	-10	.04	1	4	280.6	51.5
12H208/618	15:32:06	BB3	75.0	117.5	-10	.04	1	4	280.9	49.6
11H212/619	07:30:40	BB3	40.0	60.0	-10	.04	1	4	72.6	23.4
11H214/619	07:46:44	BB3	215.0	252.5	-10	.04	1	4	73.6	26.9
11H215/619	08:20:56	BB4	100.0	155.0	0	.04	1	4	75.6	34.3
12H218/620	15:10:40	BB4	75.0	85.0	-10	.04	1	4	280.3	54.3
11H225/623	15:09:34	BB4	142.5	145.0	0	.04	1	4	280.5	54.4
11H226/623	15:11:34	BB4	260.0	262.5	0	.04	1	4	280.6	54.0
12H227/623	18:57:04	BB4	75.0	80.0	-10	.04	1	2	293.7	5.4
11H228/624	14:32:10	BB4	260.0	265.0	0	.04	1	4	279.6	62.7

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HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11H229/625	14:35:15	BB3	272.5	300.0	-20	.04	1	4	279.8	61.9
11H237/639	13:15:00	BB2	265.0	275.0	-20	.04	1	4	284.7	79.1
11H238/639	13:50:00	BB2	265.0	275.0	-20	.04	1	4	281.2	71.4
11H240/641	15:36:55	BB4	230.0	250.0	-10	.04	1	4	282.6	47.7
12I006/652	05:51:02	BB4	75.0	80.0	-10	.04	1	3	64.8	4.1
12I008/652	06:16:02	BB4	75.0	80.0	-10	.04	1	3	66.9	9.2
12I010/652	06:46:02	BB4	75.0	80.0	-10	.04	1	3	69.1	15.5
12I014/652	07:21:02	BB4	75.0	80.0	-10	.04	1	4	71.4	22.9
12I016/652	07:56:02	BB4	75.0	80.0	-10	.04	1	4	73.4	30.4
12I018/652	08:56:02	BB4	75.0	80.0	-10	.04	1	4	76.3	43.5
12I019/652	10:29:02	BB4	75.0	80.0	-10	.04	1	4	78.8	64.0
12I023/652	12:59:02	BB4	75.0	80.0	-10	.04	1	4	290.0	82.0
12I027/652	15:29:02	BB4	75.0	80.0	-10	.04	1	4	282.6	49.0
12I029/652	16:41:02	BB4	75.0	80.0	-10	.04	1	4	285.8	33.3
12I031/652	17:11:02	BB4	75.0	80.0	-10	.04	1	4	287.4	26.8
12I033/652	18:41:02	BB4	75.0	80.0	-10	.04	1	3	293.5	7.9
12I036/653	07:24:08	BB4	65.0	127.5	-10	.04	1	4	71.6	23.6
11I037/653	08:33:22	BB2	210.0	250.0	-30	.04	1	4	75.3	38.6
11I038/653	08:38:14	BB1	182.5	200.0	-50	.04	1	4	75.5	39.6
11I040/656	14:53:36	BB2	207.5	242.5	-30	.04	1	4	281.6	56.7
11I042/660	14:59:59	BB3	145.0	197.5	-10	.04	1	4	281.7	55.1
11I052/678	07:59:59	BB4	30.0	62.5	0	.04	1	4	74.4	32.0
11I060/688	17:00:13	BB3	155.0	182.5	-10	.04	1	4	286.0	27.8
11I065/690	10:00:00	BB2	205.0	220.0	-30	.04	1	4	80.7	58.7
12I066/690	10:05:00	BB3	17.5	32.5	-20	.04	1	4	80.8	59.8
12I067/690	10:10:00	BB1	95.0	100.0	-50	.04	1	4	81.0	60.9
12I069/690	14:59:59	BB4	65.0	115.0	-10	.04	1	4	279.9	54.1
11I070/690	16:09:59	BB3	270.0	280.0	-20	.04	1	4	283.1	38.6
12I071/690	16:14:59	BB3	87.5	92.5	-20	.04	1	4	283.3	37.6
12I073/693	13:07:42	BB4	15.0	125.0	-10	.04	1	4	278.5	79.0
11I075/697	14:59:59	BB3	145.0	197.5	-10	.04	1	4	279.2	53.8
11I085/715	07:59:59	BB4	30.0	62.5	0	.04	1	4	77.8	32.6
11I092/725	15:35:47	BB3	155.0	182.5	-10	.04	1	4	277.2	44.5
11I093/725	16:00:29	BB2	207.5	242.5	-30	.04	1	4	278.8	39.0
11I098/727	09:59:59	BB2	205.0	220.0	-30	.04	1	4	87.6	59.5
12I099/727	10:04:59	BB3	17.5	32.5	-20	.04	1	4	88.0	60.6
12I100/727	10:09:59	BB1	95.0	100.0	-50	.04	1	4	88.4	61.7
12I102/727	14:59:59	BB4	65.0	115.0	-10	.04	1	4	274.5	52.4
11I103/727	16:09:59	BB3	270.0	280.0	-20	.04	1	4	279.1	36.8
12I104/727	16:14:59	BB3	87.5	92.5	-20	.04	1	4	279.5	35.7
11I108/734	15:00:00	BB3	145.0	197.5	-10	.04	1	4	273.2	52.0
11I118/752	07:59:59	BB4	30.0	62.5	0	.04	1	4	83.8	32.6
11I126/762	14:30:28	BB4	220.0	305.0	-10	.04	1	4	263.5	56.6
11I131/764	09:59:59	BB2	205.0	220.0	-30	.04	1	4	99.0	59.4
12I132/764	10:04:59	BB3	17.5	32.5	-20	.04	1	4	99.7	60.6
12I133/764	10:09:59	BB1	95.0	100.0	-50	.04	1	4	100.6	61.7
12I135/764	14:59:59	BB4	65.0	115.0	-10	.04	1	4	266.4	49.8
11I136/764	16:09:59	BB3	270.0	280.0	-20	.04	1	4	273.0	34.0
12I137/764	16:14:59	BB3	87.5	92.5	-20	.04	1	4	273.4	32.9
11I139/767	10:22:29	BB4	32.5	220.0	-10	.04	1	4	104.1	64.3
11I141/771	15:00:00	BB3	145.0	197.5	-10	.04	1	4	264.7	49.2
11I151/789	07:59:58	BB4	30.0	62.5	0	.04	1	4	92.1	31.8
12I158/799	12:31:55	BB4	15.0	125.0	-10	.04	1	4	205.9	73.9
11I159/799	13:04:18	BB2	242.5	302.5	-30	.04	1	4	226.7	69.5
11I164/801	09:59:59	BB2	205.0	220.0	-30	.04	1	4	112.9	57.5
12I165/801	10:04:59	BB3	17.5	32.5	-20	.04	1	4	114.1	58.6
12I166/801	10:09:59	BB1	95.0	100.0	-50	.04	1	4	115.4	59.6
12I168/801	14:59:59	BB4	65.0	115.0	-10	.04	1	4	256.8	45.9
11I169/801	16:09:59	BB3	270.0	280.0	-20	.04	1	4	265.2	30.3
12I170/801	16:14:59	BB3	87.5	92.5	-20	.04	1	4	265.8	29.2
12I172/804	08:50:19	BB4	15.0	125.0	-10	.04	1	4	101.9	42.3
12I173/804	09:32:52	BB2	80.0	192.5	-30	.04	1	4	108.5	51.6
11I175/808	14:59:59	BB3	145.0	197.5	-10	.04	1	4	254.9	45.0
11I185/826	07:59:59	BB4	30.0	62.5	0	.04	1	4	101.6	29.6
12I192/836	10:48:40	BB1	57.5	167.5	-50	.04	1	4	141.8	61.3
12I193/836	11:20:40	BB4	125.0	260.0	-10	.04	1	4	157.1	65.0
11I198/838	10:00:00	BB2	205.0	220.0	-30	.04	1	4	126.1	53.0
12I199/838	10:05:00	BB3	17.5	32.5	-20	.04	1	4	127.5	53.9
12I200/838	10:10:00	BB1	95.0	100.0	-50	.04	1	4	128.9	54.8
12I202/838	15:00:00	BB4	65.0	115.0	-10	.04	1	4	246.8	41.0

VL-1
HIGH-RESOLUTION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11I203/838	16:10:00	BB3	270.0	280.0	-20	.04	1	4	256.6	26.1
12I204/838	16:15:00	BB3	87.5	92.5	-20	.04	1	4	257.2	25.0
12I206/841	07:20:43	BB4	15.0	125.0	-10	.04	1	4	100.9	19.5
11I207/841	08:03:16	BB1	170.0	305.0	-50	.04	1	4	105.8	28.9
12J003/921	08:54:58	BB1	147.5	157.5	-50	.04	1	2	127.6	25.8
11J004/921	10:59:56	BB3	170.0	195.0	-10	.04	1	4	154.9	43.7
11J007/921	14:14:59	BB2	250.0	257.5	-30	.04	1	3	215.2	39.4
12J008/921	14:21:44	BB2	20.0	27.5	-20	.04	1	3	216.9	38.5
11J009/921	14:24:59	BB4	150.0	170.0	-10	.04	1	2	217.6	38.0
11J010/921	14:27:19	BB4	150.0	170.0	-10	.04	5	2	218.2	37.7
11J011/921	14:29:39	BB4	150.0	170.0	-10	.04	9	2	218.7	37.4
12J012/921	15:04:59	BB4	75.0	107.5	-10	.04	1	3	226.0	32.0
11J013/921	15:19:22	BB2	270.0	280.0	-20	.04	1	3	228.7	29.6

HIGH-RESOLUTION CAMERA EVENTS SORTED BY SUN AZIMUTH/ELEVATION

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 5 AZ 40 TO 50			EL 80	TO 90						
12A109/018	12:10:27	BB1	295.0	302.5	-30	.04	1	5	43.4	88.0
BOX 9 AZ 80 TO 90			EL 80	TO 90						
11B020/034	11:42:52	BB2	290.0	300.0	-30	.04	1	4	84.9	82.1
BOX 11 AZ 100 TO 110			EL 80	TO 90						
12H058/577	12:18:05	BB4	75.0	82.5	-10	.04	1	4	109.3	84.2
BOX 17 AZ 160 TO 170			EL 80	TO 90						
11B142/057	12:12:59	BB3	300.0	335.0	-10	.04	1	3	169.1	88.1
BOX 19 AZ 180 TO 190			EL 80	TO 90						
11B167/077	12:12:39	BB3	300.0	335.0	-10	.04	1	3	183.5	85.4
11B192/097	12:12:59	BB3	300.0	327.5	-10	.04	1	3	188.0	82.0
BOX 22 AZ 210 TO 220			EL 80	TO 90						
11B187/092	12:30:59	BB3	167.5	187.5	-10	.04	1	4	216.6	81.3
BOX 23 AZ 220 TO 230			EL 80	TO 90						
11B162/072	12:30:39	BB3	155.0	185.0	-10	.04	1	4	228.2	84.3
BOX 26 AZ 250 TO 260			EL 80	TO 90						
11B137/052	12:30:59	BB3	155.0	185.0	-10	.04	1	4	250.8	86.2
BOX 28 AZ 270 TO 280			EL 80	TO 90						
11B093/040	12:42:09	BB2	280.0	285.0	-20	.04	1	3	270.6	84.3
12B030/034	12:55:00	BB2	102.5	112.5	-30	.04	1	4	275.0	81.6
BOX 30 AZ 290 TO 300			EL 80	TO 90						
12I023/652	12:59:02	BB4	75.0	80.0	-10	.04	1	4	290.0	82.0
BOX 32 AZ 310 TO 320			EL 80	TO 90						
12A043/006	12:30:00	BB1	305.0	310.0	-20	.04	1	4	310.2	86.9
BOX 45 AZ 80 TO 90			EL 70	TO 80						
11A060/008	10:49:52	BB2	210.0	217.5	10	.04	1	4	80.3	70.1
11A253/032	11:28:27	BB1	205.0	207.5	-40	.04	1	4	84.4	78.8
11B078/040	11:06:44	BB1	282.5	290.0	-30	.04	1	3	86.9	74.2
11B117/042	11:30:27	BB3	297.5	307.5	-20	.04	1	4	89.2	79.6
12A068/009	10:59:59	BB1	295.0	305.0	-30	.04	1	5	80.3	72.4
BOX 48 AZ 110 TO 120			EL 70	TO 80						

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 48 AZ 110 TO 120			EL 70	TO 80						
12H002/550	11:56:58	BB1	120.0	132.5	-50	.04	1	3	111.8	76.4
BOX 54 AZ 170 TO 180			EL 70	TO 80						
11G045/476	13:11:26	BB3	267.5	282.5	-10	.04	1	4	175.2	71.0
11G099/502	13:02:10	BB1	282.5	290.0	-30	.04	1	4	173.7	76.2
11G174/520	12:59:35	BB1	282.5	290.0	-30	.04	1	3	177.2	79.6
12G046/476	13:16:26	BB1	90.0	162.5	-50	.04	1	4	179.0	71.1
12G100/502	13:07:10	BB2	105.0	115.0	-30	.04	1	4	178.7	76.3
BOX 57 AZ 200 TO 210			EL 70	TO 80						
12I158/799	12:31:55	BB4	15.0	125.0	-10	.04	1	4	205.9	73.9
BOX 62 AZ 250 TO 260			EL 70	TO 80						
12H006/551	13:51:14	BB4	75.0	110.0	-10	.04	1	5	251.4	75.0
BOX 63 AZ 260 TO 270			EL 70	TO 80						
12H059/577	13:33:05	BB4	75.0	80.0	-10	.04	1	4	262.4	78.2
BOX 64 AZ 270 TO 280			EL 70	TO 80						
11A131/022	13:22:00	BB3	150.0	192.5	-10	.04	1	4	277.6	75.4
12A101/015	13:40:00	BB1	285.0	290.0	-20	.04	1	4	278.8	71.5
12A102/015	13:43:00	BB1	80.0	100.0	-40	.04	1	4	278.8	70.9
12A242/031	13:39:59	BB1	285.0	290.0	-20	.04	1	3	276.1	71.7
12I073/693	13:07:42	BB4	15.0	125.0	-10	.04	1	4	278.5	79.0
BOX 65 AZ 280 TO 290			EL 70	TO 80						
11H237/639	13:15:00	BB2	265.0	275.0	-20	.04	1	4	284.7	79.1
11H238/639	13:50:00	BB2	265.0	275.0	-20	.04	1	4	281.2	71.4
12A014/002	13:06:00	BB1	295.0	305.0	-30	.04	1	4	283.6	79.5
BOX 80 AZ 70 TO 80			EL 60	TO 70						
12A013/002	10:29:50	BB1	117.5	155.0	-50	.04	1	4	79.8	65.5
12I019/652	10:29:02	BB4	75.0	80.0	-10	.04	1	4	78.8	64.0
BOX 81 AZ 80 TO 90			EL 60	TO 70						
11A032/005	10:46:41	BB1	277.5	302.5	0	.04	1	5	80.0	69.3
11A098/014	10:10:27	BB2	212.5	220.0	-30	.04	1	4	80.5	61.7
11A130/022	10:10:27	BB3	295.0	305.0	-20	.04	1	4	81.5	61.9
11A202/029	10:30:06	BB1	237.5	245.0	-50	.04	1	4	82.8	65.7
11B019/034	10:42:52	BB2	290.0	300.0	-30	.04	1	4	84.3	68.7
12A070/010	10:10:27	BB1	110.0	117.5	-40	.04	1	4	80.1	61.5
12I067/690	10:10:00	BB1	95.0	100.0	-50	.04	1	4	81.0	60.9
12I099/727	10:04:59	BB3	17.5	32.5	-20	.04	1	4	88.0	60.6
12I100/727	10:09:59	BB1	95.0	100.0	-50	.04	1	4	88.4	61.7
BOX 82 AZ 90 TO 100			EL 60	TO 70						
11G252/550	10:51:09	BB2	207.5	215.0	-30	.04	1	4	96.2	62.0
12G253/550	10:56:58	BB2	105.0	115.0	-30	.04	1	4	97.0	63.3

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 82 AZ 90 TO 100			EL 60	TO 70						
12H057/577	11:08:05	BB4	75.0	82.5	-10	.04	1	4	91.1	68.6
12I132/764	10:04:59	BB3	17.5	32.5	-20	.04	1	4	99.7	60.6
BOX 83 AZ 100 TO 110			EL 60	TO 70						
11I139/767	10:22:29	BB4	32.5	220.0	-10	.04	1	4	104.1	64.3
12I133/764	10:09:59	BB1	95.0	100.0	-50	.04	1	4	100.6	61.7
BOX 87 AZ 140 TO 150			EL 60	TO 70						
12I192/836	10:48:40	BB1	57.5	167.5	-50	.04	1	4	141.8	61.3
BOX 88 AZ 150 TO 160			EL 60	TO 70						
12I193/836	11:20:40	BB4	125.0	260.0	-10	.04	1	4	157.1	65.0
BOX 89 AZ 160 TO 170			EL 60	TO 70						
11F201/441	13:06:58	BB2	210.0	227.5	-30	.04	1	4	168.6	63.1
BOX 92 AZ 190 TO 200			EL 60	TO 70						
11F225/457	13:44:59	BB3	207.5	212.5	-30	.04	1	4	193.0	66.5
BOX 93 AZ 200 TO 210			EL 60	TO 70						
11F226/457	14:03:35	BB2	297.5	307.5	-20	.04	1	4	203.6	65.2
12F190/440	14:11:35	BB2	152.5	165.0	-30	.04	1	4	202.4	61.4
12F227/457	14:08:35	BB2	105.0	115.0	-30	.04	1	4	206.3	64.7
BOX 94 AZ 210 TO 220			EL 60	TO 70						
11G080/488	14:06:18	BB2	202.5	210.0	-30	.04	1	4	218.9	69.4
BOX 95 AZ 220 TO 230			EL 60	TO 70						
11I159/799	13:04:18	BB2	242.5	302.5	-30	.04	1	4	226.7	69.5
BOX 96 AZ 230 TO 240			EL 60	TO 70						
12B208/151	13:34:59	BB1	285.0	290.0	-20	.04	1	4	232.3	60.5
12G041/475	14:52:28	BB1	285.0	290.0	-20	.04	1	4	232.6	60.6
BOX 98 AZ 250 TO 260			EL 60	TO 70						
11B190/095	14:01:59	BB2	277.5	305.0	-30	.04	1	4	258.6	62.8
12B188/093	14:01:58	BB2	92.5	120.0	-30	.04	1	4	259.3	63.0
BOX 99 AZ 260 TO 270			EL 60	TO 70						
11B165/075	14:01:40	BB2	270.0	305.0	-30	.04	1	4	265.1	64.6
11H017/557	14:40:59	BB4	142.5	145.0	0	.04	1	4	264.9	63.8
11H018/557	14:42:59	BB4	260.0	262.5	0	.04	1	4	265.2	63.4
11H026/558	14:41:00	BB4	142.5	145.0	0	.04	1	4	265.3	63.8
11H027/558	14:43:00	BB4	260.0	262.5	0	.04	1	4	265.5	63.3

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 99 AZ 260 TO 270			EL 60	TO 70						
12B163/073	14:01:39	BB2	85.0	120.0	-30	.04	1	4	265.7	64.7
BOX 100 AZ 270 TO 280			EL 60	TO 70						
11A065/008	14:19:59	BB2	207.5	217.5	-30	.04	1	4	279.9	63.0
11A254/032	13:54:59	BB4	150.0	190.0	-10	.04	1	4	276.2	68.3
11B036/034	14:25:02	BB4	287.5	335.0	0	.04	1	4	277.0	61.5
11B058/036	14:14:41	BB2	180.0	230.0	-30	.04	1	4	276.2	63.7
11B126/046	14:28:59	BB3	155.0	185.0	-10	.04	1	4	275.0	60.1
11B140/055	14:01:59	BB2	270.0	305.0	-30	.04	1	4	271.0	65.7
11H228/624	14:32:10	BB4	260.0	265.0	0	.04	1	4	279.6	62.7
11H229/625	14:35:15	BB3	272.5	300.0	-20	.04	1	4	279.8	61.9
12A243/031	13:49:59	BB2	102.5	112.5	-30	.04	1	4	276.3	69.4
12A255/032	14:31:43	BB4	290.0	335.0	0	.04	1	4	277.6	60.0
12B016/033	14:27:15	BB3	260.0	320.0	-10	.04	1	4	277.2	61.0
12B138/053	14:01:59	BB2	85.0	120.0	-30	.04	1	4	271.6	65.8
12H060/577	14:48:05	BB4	75.0	82.5	-10	.04	1	4	271.7	61.3
12H149/604	14:45:24	BB3	285.0	305.0	-10	.04	1	4	277.3	60.6
BOX 101 AZ 280 TO 290			EL 60	TO 70						
11A017/003	14:28:00	BB3	272.5	300.0	-20	.04	1	4	280.4	61.5
11A066/008	14:23:59	BB4	260.0	275.0	0	.04	1	4	280.0	62.1
BOX 116 AZ 70 TO 80			EL 50	TO 60						
11A138/024	09:19:59	BB1	182.5	230.0	-50	.04	1	4	79.7	50.7
BOX 117 AZ 80 TO 90			EL 50	TO 60						
11A159/027	09:34:27	BB3	155.0	165.0	-10	.04	1	3	80.7	53.9
11I065/690	10:00:00	BB2	205.0	220.0	-30	.04	1	4	80.7	58.7
11I098/727	09:59:59	BB2	205.0	220.0	-30	.04	1	4	87.6	59.5
12A080/012	10:00:27	BB3	22.5	30.0	-20	.04	1	4	80.0	59.4
12A126/021	10:00:27	BB1	295.0	302.5	-30	.04	1	5	81.0	59.7
12A139/024	09:36:27	BB3	105.0	115.0	-30	.04	1	4	80.5	54.4
12A236/030	10:00:07	BB1	125.0	132.5	-50	.04	1	4	81.9	59.0
12B065/038	09:30:27	BB1	132.5	135.0	-50	.04	1	4	81.8	52.6
12H056/577	10:08:05	BB4	75.0	80.0	-10	.04	1	4	86.2	55.1
12H077/580	10:09:20	BB1	140.0	165.0	-50	.04	1	4	85.7	55.6
12I066/690	10:05:00	BB3	17.5	32.5	-20	.04	1	4	80.8	59.8
BOX 118 AZ 90 TO 100			EL 50	TO 60						
11I131/764	09:59:59	BB2	205.0	220.0	-30	.04	1	4	99.0	59.4
12G250/550	10:11:09	BB1	120.0	132.5	-50	.04	1	3	91.5	53.0
BOX 119 AZ 100 TO 110			EL 50	TO 60						
12I173/804	09:32:52	BB2	80.0	192.5	-30	.04	1	4	108.5	51.6
BOX 120 AZ 110 TO 120			EL 50	TO 60						
11I164/801	09:59:59	BB2	205.0	220.0	-30	.04	1	4	112.9	57.5
12I165/801	10:04:59	BB3	17.5	32.5	-20	.04	1	4	114.1	58.6
12I166/801	10:09:59	BB1	95.0	100.0	-50	.04	1	4	115.4	59.6

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EFA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 121 AZ 120 TO 130 EL 50 TO 60										
11I198/838	10:00:00	BB2	205.0	220.0	-30	.04	1	4	126.1	53.0
12I199/838	10:05:00	BB3	17.5	32.5	-20	.04	1	4	127.5	53.9
12I200/838	10:10:00	BB1	95.0	100.0	-50	.04	1	4	128.9	54.8
BOX 123 AZ 140 TO 150 EL 50 TO 60										
11F198/441	12:17:59	BB2	227.5	240.0	-30	.04	1	4	145.7	58.7
BOX 128 AZ 190 TO 200 EL 50 TO 60										
11C076/203	12:29:59	BB1	282.5	290.0	-30	.04	1	3	192.7	57.3
11E192/379	13:59:59	BB3	270.0	280.0	-20	.04	1	3	190.8	50.0
11E207/384	13:59:59	BB4	170.0	210.0	0	.04	1	3	190.7	51.0
11E211/385	13:59:59	BB4	210.0	282.5	0	.04	1	3	190.7	51.2
12C129/221	12:34:42	BB2	95.0	155.0	-30	.04	1	3	191.5	53.2
12F034/396	13:59:59	BB1	302.5	302.5	-30	.04	1	4	190.9	53.3
BOX 129 AZ 200 TO 210 EL 50 TO 60										
12F180/434	14:31:00	BB4	65.0	165.0	-10	.04	1	4	209.4	58.4
BOX 130 AZ 210 TO 220 EL 50 TO 60										
11F192/440	14:46:35	BB2	272.5	305.0	-30	.04	1	4	217.3	57.5
12C030/182	13:20:00	BB2	92.5	102.5	-30	.04	1	4	217.8	57.0
12F191/440	14:36:35	BB2	90.0	125.0	-30	.04	1	4	213.4	58.8
BOX 131 AZ 220 TO 230 EL 50 TO 60										
12B233/168	13:34:59	BB1	285.0	290.0	-20	.04	1	4	227.0	57.4
BOX 133 AZ 240 TO 250 EL 50 TO 60										
11B210/151	14:14:59	BB2	290.0	300.0	-30	.04	1	4	243.3	52.9
11G043/475	15:32:27	BB2	290.0	300.0	-30	.04	1	4	243.6	52.9
12B209/151	14:09:59	BB2	20.0	30.0	-30	.04	1	4	242.1	53.9
12G042/475	15:27:27	BB2	20.0	30.0	-30	.04	1	4	242.5	54.0
BOX 135 AZ 260 TO 270 EL 50 TO 60										
11B176/086	14:28:59	BB3	167.5	187.5	-10	.04	1	4	265.3	57.6
11G201/527	15:27:28	BB2	265.0	272.5	-20	.04	1	4	261.2	54.4
11I126/762	14:30:28	BB4	220.0	305.0	-10	.04	1	4	263.5	56.6
BOX 136 AZ 270 TO 280 EL 50 TO 60										
11A118/020	14:49:59	BB1	217.5	227.5	0	.04	1	5	279.7	55.9
11A143/025	14:59:39	BB4	155.0	202.5	-10	.04	1	4	279.5	53.6
11A173/028	14:49:34	BB4	10.0	60.0	0	.04	1	4	278.8	56.2
11A250/031	14:38:28	BB4	100.0	160.0	0	.04	1	4	278.0	58.6
11A251/031	15:09:23	BB4	127.5	187.5	-10	.04	1	4	279.3	51.7
11B037/034	14:55:57	BB4	247.5	307.5	0	.04	1	4	278.3	54.6
11B050/035	14:51:08	BB1	167.5	227.5	-50	.04	1	4	278.0	55.6
11B059/036	14:45:37	BB1	220.0	280.0	-50	.04	1	4	277.6	56.8
11B067/038	14:37:00	BB1	260.0	320.0	-40	.04	1	4	276.8	58.6
11B073/039	14:31:41	BB3	30.0	90.0	-10	.04	1	4	276.4	59.8
11B144/059	15:08:59	BB2	207.5	242.5	-30	.04	1	4	275.1	50.4
11B151/066	14:28:40	BB3	155.0	185.0	-10	.04	1	4	270.5	59.1

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 136 AZ 270 TO 280 EL 50 TO 60										
11H142/600	14:49:55	BB3	40.0	62.5	-10	.04	1	4	276.8	59.8
11H143/600	15:14:23	BB4	270.0	295.0	0	.04	1	4	277.9	54.3
11H145/601	15:12:52	BB4	250.0	270.0	0	.04	1	4	278.0	54.6
11H154/607	15:25:26	BB4	140.0	155.0	-10	.04	1	4	279.4	51.6
11H158/609	14:55:18	BB4	127.5	140.0	0	.04	1	4	278.4	58.2
11H159/609	15:26:36	BB4	155.0	170.0	-10	.04	1	4	279.7	51.2
11H173/611	15:12:08	BB4	142.5	145.0	0	.04	1	4	279.4	54.5
11H174/611	15:13:38	BB4	260.0	262.5	0	.04	1	4	279.4	54.2
11I075/697	14:59:59	BB3	145.0	197.5	-10	.04	1	4	279.2	53.8
11I108/734	15:00:00	BB3	145.0	197.5	-10	.04	1	4	273.2	52.0
12A140/024	15:04:26	BB2	5.0	230.0	-30	.04	1	4	279.9	52.6
12A152/026	14:56:24	BB2	132.5	192.5	-30	.04	1	4	279.3	54.3
12A164/027	14:52:59	BB4	175.0	235.0	-10	.04	1	4	279.0	55.1
12A211/029	14:45:47	BB4	120.0	180.0	0	.04	1	4	278.6	57.0
12A212/029	15:16:42	BB4	85.0	145.0	0	.04	1	4	279.9	50.2
12A237/030	14:41:02	BB4	157.5	217.5	0	.04	1	4	278.2	58.0
12A238/030	15:11:57	BB2	172.5	232.5	-20	.04	1	4	279.6	51.2
12B000/032	15:07:29	BB4	250.0	310.0	0	.04	1	4	279.1	52.1
12B017/033	15:03:00	BB1	142.5	202.5	-50	.04	1	4	278.8	53.0
12H152/606	15:18:59	BB1	147.5	157.5	-50	.04	1	4	279.0	53.0
12H153/607	15:19:39	BB1	160.0	167.5	-50	.04	1	4	279.2	52.9
12I069/690	14:59:59	BB4	65.0	115.0	-10	.04	1	4	279.9	54.1
12I102/727	14:59:59	BB4	65.0	115.0	-10	.04	1	4	274.5	52.4
BOX 137 AZ 280 TO 290 EL 50 TO 60										
11A127/021	15:12:30	BB3	202.5	335.0	-10	.04	1	4	280.6	50.9
11A132/022	15:09:59	BB1	195.0	327.5	-50	.04	1	4	280.3	51.4
11H202/616	15:13:11	BB4	170.0	200.0	-10	.04	1	4	280.0	53.9
11H207/618	15:23:42	BB3	202.5	230.0	-10	.04	1	4	280.6	51.5
11H225/623	15:09:34	BB4	142.5	145.0	0	.04	1	4	280.5	54.4
11H226/623	15:11:34	BB4	260.0	262.5	0	.04	1	4	280.6	54.0
11I040/656	14:53:36	BB2	207.5	242.5	-30	.04	1	4	281.6	56.7
11I042/660	14:59:59	BB3	145.0	197.5	-10	.04	1	4	281.7	55.1
12A036/005	14:59:59	BB1	197.5	212.5	-10	.04	1	5	281.2	54.3
12A119/020	15:14:51	BB3	5.0	137.5	-10	.04	1	4	280.8	50.4
12A136/023	15:07:17	BB1	30.0	162.5	-50	.04	1	4	280.1	52.0
12H218/620	15:10:40	BB4	75.0	85.0	-10	.04	1	4	280.3	54.3
BOX 152 AZ 70 TO 80 EL 40 TO 50										
11A058/008	08:48:59	BB2	207.5	217.5	-30	.04	1	4	77.0	43.5
11A079/012	08:34:59	BB1	182.5	235.0	-50	.04	1	4	76.5	40.6
12A016/003	09:10:27	BB1	125.0	132.5	-50	.04	1	4	77.6	48.1
12A059/008	08:50:59	BB3	22.5	32.5	-20	.04	1	4	77.1	43.9
12A104/016	09:00:27	BB1	110.0	117.5	-40	.04	1	4	78.1	46.3
12A135/023	09:10:00	BB4	177.5	200.0	0	.04	1	4	79.1	48.5
12H108/594	09:00:06	BB1	120.0	132.5	-50	.04	1	3	79.7	41.3
12I018/652	08:56:02	BB4	75.0	80.0	-10	.04	1	4	76.3	43.5
BOX 153 AZ 80 TO 90 EL 40 TO 50										
11G226/542	09:33:39	BB1	210.0	275.0	-50	.04	1	4	89.5	43.6
12B057/036	09:00:27	BB1	132.5	135.0	-50	.04	1	4	80.0	45.9
12G225/542	09:30:39	BB2	117.5	125.0	-30	.04	1	4	89.2	42.9
12G249/550	09:41:09	BB1	117.5	130.0	-40	.04	1	4	88.7	46.3
12H081/582	09:10:10	BB1	120.0	132.5	-50	.04	1	3	81.6	42.5
BOX 154 AZ 90 TO 100 EL 40 TO 50										
11B180/091	09:04:59	BB2	210.0	230.0	-30	.04	1	4	91.1	47.2
11B199/115	09:05:00	BB2	210.0	230.0	-30	.04	1	4	97.7	46.6

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 154 AZ 90 TO 100 EL 40 TO 50										
11G162/513	09:50:59	BB3	140.0	220.0	-10	.04	1	4	96.6	43.6
11G163/513	10:09:59	BB2	240.0	272.5	-30	.04	1	4	98.9	47.8
11G172/520	09:39:35	BB2	220.0	227.5	-30	.04	1	4	94.0	42.0
11G173/520	10:09:35	BB1	272.5	280.0	-30	.04	1	4	97.4	48.7
12G108/506	09:43:48	BB2	80.0	90.0	-30	.04	1	4	97.1	40.9
12G109/506	09:45:29	BB1	80.0	90.0	-50	.04	1	4	97.3	41.3
12G196/527	10:09:59	BB3	30.0	37.5	-20	.04	1	4	96.1	49.8
BOX 155 AZ 100 TO 110 EL 40 TO 50										
11G078/488	10:01:23	BB2	297.5	307.5	-20	.04	1	4	102.7	41.9
11G087/490	10:22:13	BB2	227.5	247.5	-30	.04	1	4	105.4	46.8
12G079/488	10:04:23	BB2	105.0	115.0	-30	.04	1	4	103.2	42.6
12I172/804	08:50:19	BB4	15.0	125.0	-10	.04	1	4	101.9	42.3
BOX 157 AZ 120 TO 130 EL 40 TO 50										
11F197/441	11:17:59	BB2	227.5	235.0	-30	.04	1	4	126.6	49.3
BOX 158 AZ 130 TO 140 EL 40 TO 50										
11C081/207	09:59:59	BB3	150.0	220.0	-10	.04	1	3	135.4	46.0
12F033/396	11:29:59	BB1	302.5	302.5	-30	.04	1	4	138.2	43.5
BOX 159 AZ 140 TO 150 EL 40 TO 50										
11C082/207	10:19:59	BB1	182.5	270.0	-50	.04	1	3	140.9	49.0
11E118/364	11:49:54	BB4	40.0	60.0	-10	.04	1	3	149.6	42.2
11E182/376	11:56:29	BB2	322.5	332.5	-30	.04	1	3	149.1	44.3
12E144/369	11:44:28	BB3	290.0	295.0	-20	.04	1	1	147.2	42.1
12E145/369	11:46:28	BB3	290.0	295.0	-20	.04	3	2	147.7	42.3
12E146/369	11:51:58	BB1	27.5	35.0	-20	.04	1	1	149.2	43.0
12E147/369	11:53:58	BB1	27.5	35.0	-20	.04	3	2	149.8	43.2
12E179/376	11:35:19	BB2	132.5	142.5	-30	.04	1	3	143.4	41.6
12E180/376	11:41:49	BB2	132.5	142.5	-30	.04	1	3	145.1	42.5
12E181/376	11:48:39	BB2	132.5	142.5	-30	.04	1	3	146.9	43.3
12E183/376	11:58:59	BB2	132.5	142.5	-30	.04	1	3	149.8	44.6
BOX 160 AZ 150 TO 160 EL 40 TO 50										
11C147/224	10:59:59	BB4	150.0	210.0	0	.04	1	3	155.3	49.9
11J004/921	10:59:56	BB3	170.0	195.0	-10	.04	1	4	154.9	43.7
12C183/246	10:59:59	BB3	5.0	35.0	-10	.04	1	4	155.2	45.0
12D026/280	11:12:59	BB1	115.0	125.0	-50	.04	1	2	155.7	40.1
12D027/280	11:18:14	BB1	115.0	125.0	-50	.04	1	2	157.1	40.6
BOX 161 AZ 160 TO 170 EL 40 TO 50										
11D028/280	11:40:59	BB1	295.0	300.0	-20	.04	1	3	163.5	42.3
11D030/280	12:00:59	BB1	220.0	227.5	-20	.04	1	3	169.4	43.4
12D029/280	11:43:29	BB1	100.0	110.0	-20	.04	1	3	164.2	42.5
12D039/282	11:59:59	BB2	95.0	145.0	-30	.04	1	4	168.8	43.1
12D151/306	11:50:45	BB3	290.0	295.0	-20	.04	1	1	161.5	40.7
12D152/306	11:52:15	BB3	290.0	295.0	-20	.04	3	2	161.9	40.8
12E014/338	12:23:59	BB1	150.0	155.0	0	.04	1	3	164.4	43.1
BOX 162 AZ 170 TO 180 EL 40 TO 50										
11D031/280	12:10:14	BB2	217.5	225.0	-30	.04	1	3	172.2	43.7

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 162 AZ 170 TO 180 EL 40 TO 50										
12D032/280	12:13:29	BB1	30.0	35.0	-20	.04	1	3	173.2	43.8
12E015/338	12:53:40	BB1	27.5	35.0	-10	.04	1	4	173.4	44.3
12E099/358	13:17:50	BB1	150.0	157.5	0	.04	1	2	177.9	47.1
12E100/358	13:19:30	BB1	150.0	157.5	0	.04	5	3	178.5	47.1
BOX 163 AZ 180 TO 190 EL 40 TO 50										
11D213/324	13:18:54	BB2	215.0	227.5	-30	.04	1	4	183.9	43.4
11D214/324	13:20:45	BB3	267.5	280.0	-20	.04	1	4	184.4	43.4
11E090/356	13:29:59	BB1	222.5	237.5	-50	.04	1	3	182.2	46.8
12D043/282	13:04:59	BB3	5.0	35.0	-10	.04	1	4	188.7	43.5
12D139/303	13:09:59	BB2	12.5	35.0	-20	.04	1	3	185.5	42.8
12D212/324	13:06:59	BB1	17.5	22.5	-10	.04	1	4	180.2	43.5
12D215/324	13:22:46	BB3	87.5	92.5	-20	.04	1	4	185.0	43.3
12D216/324	13:23:57	BB3	77.5	85.0	-20	.04	1	4	185.4	43.3
12E052/344	13:36:18	BB2	105.0	115.0	-40	.04	1	4	185.9	45.1
12E096/357	13:47:49	BB1	150.0	157.5	0	.04	1	2	188.0	46.6
12E097/357	13:49:29	BB1	150.0	157.5	0	.04	5	3	188.5	46.5
BOX 164 AZ 190 TO 200 EL 40 TO 50										
11C217/262	12:59:59	BB1	235.0	260.0	-50	.04	1	3	191.7	45.3
11C244/270	13:24:03	BB1	225.0	230.0	-30	.04	1	2	197.1	43.3
11C245/270	13:25:33	BB1	225.0	230.0	-30	.04	5	3	197.6	43.2
11C246/270	13:31:58	BB1	232.5	237.5	-10	.04	1	2	199.4	42.7
11C247/270	13:33:28	BB1	232.5	237.5	-10	.04	5	3	199.9	42.6
11E078/350	14:19:59	BB2	227.5	232.5	-20	.04	1	3	198.7	43.8
12C164/239	12:49:59	BB1	285.0	292.5	-20	.04	1	3	193.5	49.0
12C242/270	13:14:59	BB1	17.5	22.5	-20	.04	1	2	194.4	43.8
12C243/270	13:16:29	BB1	17.5	22.5	-20	.04	5	3	194.9	43.7
12E003/330	14:00:00	BB2	12.5	35.0	-20	.04	1	3	195.1	42.4
12E023/340	13:59:59	BB3	25.0	55.0	-10	.04	1	3	193.7	43.6
12E193/379	14:04:59	BB3	77.5	82.5	-20	.04	1	3	192.6	49.8
12E194/379	14:09:59	BB3	87.5	92.5	-20	.04	1	3	194.3	49.5
BOX 165 AZ 200 TO 210 EL 40 TO 50										
11C248/270	13:44:01	BB1	232.5	237.5	-10	.04	1	2	202.8	41.7
11C249/270	13:45:31	BB1	232.5	237.5	-10	.04	5	3	203.3	41.6
11C250/270	13:53:55	BB1	232.5	237.5	-10	.04	1	3	205.5	40.8
11E079/350	14:47:59	BB2	227.5	232.5	-20	.04	1	3	206.6	41.4
12C158/232	13:19:59	BB1	55.0	117.5	-50	.04	1	3	205.1	47.9
12C159/232	13:26:59	BB4	70.0	115.0	0	.04	1	3	207.3	47.2
12E148/369	14:59:59	BB2	115.0	125.0	-30	.04	1	3	209.8	43.4
BOX 166 AZ 210 TO 220 EL 40 TO 50										
11F041/396	14:59:59	BB3	205.0	212.5	-30	.04	1	4	212.0	48.3
11F060/401	14:59:59	BB3	177.5	220.0	-10	.04	1	4	212.8	49.2
12E208/384	14:59:59	BB2	115.0	125.0	-30	.04	1	3	210.7	46.1
12E227/387	15:30:00	BB4	112.5	242.5	0	.04	1	3	219.3	42.8
12F066/402	15:00:00	BB3	65.0	135.0	-10	.04	1	4	212.9	49.4
BOX 167 AZ 220 TO 230 EL 40 TO 50										
11C075/202	14:08:40	BB2	200.0	210.0	-30	.04	1	3	227.0	46.1
11C078/204	14:17:59	BB2	200.0	210.0	-30	.04	1	3	228.7	44.2
11C123/218	14:20:00	BB2	200.0	210.0	-30	.04	1	3	225.4	42.0
11C127/219	14:20:00	BB2	200.0	210.0	-30	.04	1	3	225.1	41.9
11F021/393	15:29:59	BB2	297.5	307.5	-20	.04	1	3	220.0	43.8
11F097/408	15:24:59	BB1	52.5	60.0	-20	.04	1	4	221.4	47.0

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SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 167 AZ 220 TO 230 EL 40 TO 50										
12C077/203	14:21:59	BB2	17.5	25.0	-20	.04	1	3	229.9	43.7
12C079/204	14:21:59	BB2	17.5	25.0	-20	.04	1	3	229.6	43.5
12C109/210	14:29:31	BB2	95.0	105.0	-20	.04	1	3	229.7	41.5
12C124/218	14:25:00	BB2	17.5	25.0	-20	.04	1	3	226.5	41.2
12C128/219	14:25:00	BB2	17.5	25.0	-20	.04	1	3	226.3	41.1
12C148/231	14:21:59	BB2	12.5	35.0	-20	.04	1	3	222.4	40.2
12F022/393	15:34:59	BB2	105.0	115.0	-30	.04	1	3	221.3	43.0
12F096/408	15:19:59	BB1	285.0	292.5	-20	.04	1	4	220.0	47.7
BOX 168 AZ 230 TO 240 EL 40 TO 50										
11C010/177	14:14:58	BB1	225.0	240.0	-40	.04	1	4	235.6	48.8
11C016/178	14:34:59	BB4	265.0	290.0	-10	.04	1	4	239.7	44.9
11C031/182	14:37:00	BB4	72.5	80.0	-10	.04	1	3	239.0	43.9
11C032/182	14:39:00	BB3	147.5	155.0	-20	.04	1	4	239.4	43.5
11C033/182	14:41:00	BB3	297.5	307.5	-20	.04	1	4	239.8	43.1
11F154/430	16:14:59	BB2	215.0	222.5	-30	.04	1	4	238.4	41.3
11F204/441	15:44:15	BB1	225.0	237.5	-40	.04	1	4	234.9	48.1
11F208/442	16:04:30	BB3	145.0	160.0	-20	.04	1	4	239.7	44.4
12B252/174	14:30:00	BB4	27.5	77.5	-10	.04	1	4	239.8	46.4
12C011/177	14:19:58	BB1	12.5	22.5	-20	.04	1	4	236.8	47.9
12C015/178	14:29:59	BB4	277.5	290.0	0	.04	1	4	238.7	45.9
BOX 169 AZ 240 TO 250 EL 40 TO 50										
11C034/182	14:43:00	BB3	325.0	335.0	-20	.04	1	4	240.2	42.8
11F193/440	16:09:40	BB3	297.5	307.5	-20	.04	1	4	240.1	43.2
12B251/173	14:29:59	BB2	22.5	60.0	-30	.04	1	4	240.1	46.6
12I202/838	15:00:00	BB4	65.0	115.0	-10	.04	1	4	246.8	41.0
BOX 170 AZ 250 TO 260 EL 40 TO 50										
11I175/808	14:59:59	BB3	145.0	197.5	-10	.04	1	4	254.9	45.0
12I168/801	14:59:59	BB4	65.0	115.0	-10	.04	1	4	256.8	45.9
BOX 171 AZ 260 TO 270 EL 40 TO 50										
11G119/506	16:23:49	BB2	160.0	202.5	-30	.04	1	4	262.2	42.3
11I141/771	15:00:00	BB3	145.0	197.5	-10	.04	1	4	264.7	49.2
12I135/764	14:59:59	BB4	65.0	115.0	-10	.04	1	4	266.4	49.8
BOX 172 AZ 270 TO 280 EL 40 TO 50										
11B169/079	15:08:40	BB2	207.5	242.5	-30	.04	1	4	271.1	49.2
11G220/540	16:12:50	BB2	202.5	212.5	-30	.04	1	4	270.0	43.8
11H032/562	16:21:55	BB2	270.0	280.0	-20	.04	1	4	275.5	40.9
11H033/562	16:23:55	BB2	250.0	255.0	-30	.04	1	4	275.6	40.5
11H034/562	16:25:55	BB2	207.5	212.5	-30	.04	1	4	275.8	40.0
11H082/583	16:05:34	BB4	327.5	342.5	0	.04	1	4	278.1	43.7
11I092/725	15:35:47	BB3	155.0	182.5	-10	.04	1	4	277.2	44.5
12G241/546	16:10:18	BB2	150.0	165.0	-30	.04	1	4	271.1	44.2
12H061/577	16:08:05	BB4	75.0	80.0	-10	.04	1	4	277.3	43.4
12H078/581	15:44:14	BB2	105.0	115.0	-30	.04	1	4	276.5	48.5
12H089/586	16:01:49	BB2	105.0	115.0	-30	.04	1	4	278.4	44.4
BOX 173 AZ 280 TO 290 EL 40 TO 50										
11A030/004	15:45:16	BB3	260.0	340.0	-10	.04	1	4	283.0	44.4
11A037/005	15:43:10	BB2	182.5	242.5	-30	.04	1	4	282.9	44.9
11A051/007	15:38:25	BB1	200.0	280.0	-50	.04	1	4	282.6	45.8

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SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 173 AZ 280 TO 290 EL 40 TO 50										
11A067/008	15:35:42	BB2	225.0	305.0	-30	.04	1	4	282.4	46.4
11A069/009	15:32:54	BB2	145.0	225.0	-30	.04	1	4	282.3	46.9
11A077/011	15:26:46	BB4	180.0	260.0	-10	.04	1	4	281.9	48.2
11A114/019	15:17:02	BB2	190.0	322.5	-30	.04	1	4	280.9	49.9
11A115/019	15:49:01	BB1	182.5	195.0	-50	.04	1	4	282.4	42.9
11A120/020	15:46:49	BB1	182.5	195.0	-50	.04	1	4	282.3	43.4
11A128/021	15:44:28	BB1	182.5	195.0	-50	.04	1	4	282.1	43.9
11A133/022	15:41:58	BB1	237.5	250.0	-50	.04	1	4	281.8	44.4
11A137/023	15:39:16	BB1	247.5	260.0	-50	.04	1	4	281.6	45.0
11A141/024	15:36:24	BB2	320.0	335.0	-30	.04	1	4	281.4	45.6
11A144/025	15:30:27	BB2	155.0	210.0	-30	.04	1	4	281.0	46.8
11A174/028	15:20:23	BB4	55.0	105.0	0	.04	1	4	280.2	49.4
11H203/616	15:42:57	BB2	157.5	187.5	-30	.04	1	4	281.2	47.3
11H240/641	15:36:55	BB4	230.0	250.0	-10	.04	1	4	282.6	47.7
12A009/001	15:50:28	BB1	80.0	160.0	-50	.04	1	4	283.8	43.3
12A081/012	15:36:22	BB1	60.0	135.0	-50	.04	1	4	282.2	46.4
12A153/026	15:27:20	BB4	132.5	192.5	-10	.04	1	4	280.7	47.5
12A165/027	15:23:54	BB4	220.0	280.0	0	.04	1	4	280.4	48.2
12B103/041	15:58:44	BB3	290.0	295.0	-20	.04	1	3	280.7	40.3
12H208/618	15:32:06	BB3	75.0	117.5	-10	.04	1	4	280.9	49.6
12I027/652	15:29:02	BB4	75.0	80.0	-10	.04	1	4	282.6	49.0
BOX 188 AZ 70 TO 80 EL 30 TO 40										
11A078/012	08:24:59	BB2	150.0	250.0	-30	.04	1	4	76.0	38.4
11A129/022	08:10:00	BB4	100.0	195.0	0	.04	1	4	76.0	35.4
11A157/027	07:50:00	BB4	290.0	310.0	0	.04	1	4	75.2	31.0
11A158/027	08:00:00	BB4	310.0	327.5	0	.04	1	4	75.8	33.2
11B064/038	08:00:00	BB4	325.0	335.0	0	.04	1	4	76.9	32.5
11B068/039	08:06:27	BB4	240.0	250.0	-10	.04	1	4	77.4	34.0
11H164/611	08:14:49	BB1	230.0	240.0	-40	.04	1	4	75.7	32.6
11H187/612	08:14:32	BB1	230.0	240.0	-40	.04	1	4	75.6	32.5
11H215/619	08:20:56	BB4	100.0	155.0	0	.04	1	4	75.6	34.3
11I037/653	08:33:22	BB2	210.0	250.0	-30	.04	1	4	75.3	38.6
11I038/653	08:38:14	BB1	182.5	200.0	-50	.04	1	4	75.5	39.6
11I052/678	07:59:59	BB4	30.0	62.5	0	.04	1	4	74.4	32.0
11I085/715	07:59:59	BB4	30.0	62.5	0	.04	1	4	77.8	32.6
12A003/001	07:47:59	BB2	80.0	140.0	-30	.04	1	4	73.2	30.0
12A031/005	08:10:27	BB1	125.0	132.5	-50	.04	1	4	75.1	36.1
12A112/019	07:59:00	BB4	15.0	90.0	0	.04	1	4	75.1	33.0
12A116/020	07:53:59	BB4	90.0	217.5	0	.04	1	4	74.9	31.9
12A125/021	08:09:59	BB4	227.5	290.0	0	.04	1	4	75.9	35.4
12A241/031	08:30:27	BB1	125.0	132.5	-50	.04	1	4	77.8	39.1
12B056/036	07:49:59	BB3	167.5	192.5	-20	.04	1	4	76.0	30.3
12B077/040	08:30:26	BB2	107.5	117.5	-30	.04	1	4	78.9	39.3
12B100/041	08:12:26	BB2	107.5	117.5	-30	.04	1	4	77.9	35.3
12H186/612	08:12:32	BB2	35.0	42.5	-30	.04	1	4	75.5	32.0
12H201/616	08:13:46	BB4	182.5	217.5	0	.04	1	4	75.3	32.6
12H206/618	08:21:03	BB4	227.5	285.0	0	.04	1	4	75.6	34.3
12I016/652	07:56:02	BB4	75.0	80.0	-10	.04	1	4	73.4	30.4
BOX 189 AZ 80 TO 90 EL 30 TO 40										
11G210/533	08:48:50	BB2	250.0	260.0	-30	.04	1	4	87.0	32.4
11I118/752	07:59:59	BB4	30.0	62.5	0	.04	1	4	83.8	32.6
12G211/534	09:08:50	BB4	97.5	107.5	0	.04	1	3	88.6	37.0
12G248/550	09:11:09	BB1	117.5	127.5	-40	.04	1	4	86.2	39.5
12H055/577	08:48:05	BB4	75.0	80.0	-10	.04	1	4	80.9	37.2
BOX 190 AZ 90 TO 100 EL 30 TO 40										
11I151/789	07:59:58	BB4	30.0	62.5	0	.04	1	4	92.1	31.8

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 194 AZ 130 TO 140 EL 30 TO 40										
11C162/239	10:00:00	BB3	150.0	220.0	-10	.04	1	3	139.2	39.2
11E041/343	10:29:59	BB2	215.0	220.0	-30	.04	1	3	135.9	30.1
11E160/372	10:59:59	BB4	252.5	265.0	-10	.04	1	2	136.1	36.1
12D036/282	09:59:59	BB4	70.0	115.0	0	.04	1	3	138.8	30.9
BOX 195 AZ 140 TO 150 EL 30 TO 40										
11D092/296	10:30:59	BB3	207.5	217.5	-30	.04	1	3	143.7	33.2
11D158/309	10:59:59	BB1	177.5	202.5	-50	.04	1	4	148.1	35.6
11D185/318	11:05:17	BB2	275.0	305.0	-30	.04	1	3	147.8	35.7
11D192/320	10:59:59	BB1	177.5	195.0	-50	.04	1	4	146.2	34.9
11D203/323	10:51:02	BB2	275.0	305.0	-30	.04	1	3	143.7	33.6
11E082/351	10:59:59	BB2	215.0	307.5	-30	.04	1	2	140.3	34.8
12D093/296	10:33:29	BB3	22.5	32.5	-20	.04	1	3	144.2	33.6
12D154/307	11:00:00	BB1	285.0	290.0	-20	.04	1	4	148.5	35.7
12D186/318	11:08:47	BB2	82.5	112.5	-30	.04	1	3	148.6	36.1
12D196/321	11:16:44	BB1	27.5	35.0	-10	.04	3	3	149.9	36.9
12D204/323	10:54:32	BB2	82.5	112.5	-30	.04	1	3	144.5	34.1
12E083/351	11:09:59	BB2	97.5	110.0	-30	.04	1	2	142.5	36.2
12E092/357	11:05:59	BB1	15.0	20.0	-20	.04	1	2	140.4	36.0
12E093/357	11:07:29	BB1	15.0	20.0	-20	.04	5	3	140.7	36.2
12E094/357	11:15:59	BB1	15.0	20.0	-20	.04	1	2	142.6	37.4
12E095/357	11:17:29	BB1	15.0	20.0	-20	.04	5	3	143.0	37.6
12E102/359	11:29:49	BB1	150.0	157.5	0	.04	1	2	145.5	39.3
12E103/359	11:31:29	BB1	150.0	157.5	0	.04	5	3	145.9	39.5
BOX 196 AZ 150 TO 160 EL 30 TO 40										
12D025/280	11:07:29	BB1	117.5	125.0	-10	.04	1	2	154.3	39.6
12D147/306	11:11:29	BB3	290.0	295.0	-20	.04	1	1	151.3	37.1
12D148/306	11:12:59	BB3	290.0	295.0	-20	.04	3	2	151.7	37.3
12D149/306	11:24:59	BB1	17.5	22.5	-20	.04	1	3	154.7	38.5
12D150/306	11:36:15	BB1	17.5	22.5	-20	.04	1	3	157.6	39.5
BOX 201 AZ 200 TO 210 EL 30 TO 40										
11C251/270	14:04:50	BB1	232.5	237.5	-10	.04	1	2	208.4	39.7
11C252/270	14:06:20	BB1	232.5	237.5	-10	.04	5	3	208.8	39.5
11D034/281	13:59:59	BB2	160.0	250.0	-30	.04	1	3	204.6	39.9
11D061/288	14:04:59	BB2	232.5	237.5	-30	.04	1	3	204.3	39.5
11D183/317	14:29:59	BB2	180.0	260.0	-30	.04	1	4	205.3	38.7
12D060/288	13:59:59	BB3	42.5	47.5	-20	.04	1	3	203.0	39.9
BOX 202 AZ 210 TO 220 EL 30 TO 40										
11C210/260	14:29:59	BB4	150.0	170.0	-10	.04	1	2	216.9	37.0
11C211/260	14:34:59	BB4	150.0	170.0	-10	.04	5	2	218.0	36.3
11C212/260	14:39:59	BB4	150.0	170.0	-10	.04	9	2	219.1	35.6
11C253/270	14:15:29	BB1	232.5	237.5	-10	.04	1	2	211.1	38.5
11C254/270	14:16:59	BB1	232.5	237.5	-10	.04	5	3	211.4	38.3
11C255/270	14:25:42	BB1	232.5	237.5	-10	.04	1	2	213.5	37.3
11D000/270	14:27:12	BB1	232.5	237.5	-10	.04	5	3	213.9	37.1
11J007/921	14:14:59	BB2	250.0	257.5	-30	.04	1	3	215.2	39.4
11J009/921	14:24:59	BB4	150.0	170.0	-10	.04	1	2	217.6	38.0
11J010/921	14:27:19	BB4	150.0	170.0	-10	.04	5	2	218.2	37.7
11J011/921	14:29:39	BB4	150.0	170.0	-10	.04	9	2	218.7	37.4
12C191/255	14:20:00	BB2	17.5	25.0	-20	.04	1	3	215.8	38.6
12D001/270	14:35:04	BB1	17.5	22.5	-20	.04	1	2	215.7	36.1
12D002/270	14:36:34	BB1	17.5	22.5	-20	.04	5	3	216.0	35.9
12J008/921	14:21:44	BB2	20.0	27.5	-20	.04	1	3	216.9	38.5

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 203 AZ 220 TO 230 EL 30 TO 40										
11E063/347	16:00:00	BB3	220.0	255.0	-10	.04	1	2	223.3	31.5
12C184/246	14:59:59	BB4	70.0	115.0	0	.04	1	3	226.6	33.1
12E111/362	16:06:20	BB2	105.0	115.0	-40	.04	1	4	225.0	33.0
12J012/921	15:04:59	BB4	75.0	107.5	-10	.04	1	3	226.0	32.0
BOX 204 AZ 230 TO 240 EL 30 TO 40										
12F078/404	16:05:59	BB2	157.5	165.0	-30	.04	1	4	230.4	39.7
BOX 205 AZ 240 TO 250 EL 30 TO 40										
12C110/210	15:29:31	BB2	95.0	105.0	-20	.04	1	3	240.8	30.3
BOX 207 AZ 260 TO 270 EL 30 TO 40										
11I169/801	16:09:59	BB3	270.0	280.0	-20	.04	1	4	265.2	30.3
BOX 208 AZ 270 TO 280 EL 30 TO 40										
11I093/725	16:00:29	BB2	207.5	242.5	-30	.04	1	4	278.8	39.0
11I103/727	16:09:59	BB3	270.0	280.0	-20	.04	1	4	279.1	36.8
11I136/764	16:09:59	BB3	270.0	280.0	-20	.04	1	4	273.0	34.0
12H030/561	17:01:29	BB2	105.0	115.0	-30	.04	1	4	278.2	32.1
12I104/727	16:14:59	BB3	87.5	92.5	-20	.04	1	4	279.5	35.7
12I137/764	16:14:59	BB3	87.5	92.5	-20	.04	1	4	273.4	32.9
BOX 209 AZ 280 TO 290 EL 30 TO 40										
11H086/585	16:41:23	BB3	337.5	342.5	-10	.04	1	4	280.6	35.7
11H188/612	16:52:32	BB2	282.5	292.5	-30	.04	1	4	284.4	32.2
11I070/690	16:09:59	BB3	270.0	280.0	-20	.04	1	4	283.1	38.6
12A001/000	16:13:21	BB1	102.5	160.0	-50	.04	1	4	284.9	38.7
12B104/041	16:01:09	BB3	290.0	295.0	-20	.04	1	3	280.9	39.8
12B106/041	16:05:09	BB3	290.0	295.0	-20	.04	1	3	281.1	38.9
12H062/577	17:08:05	BB4	75.0	80.0	-10	.04	1	4	281.2	30.1
12H179/611	16:54:43	BB2	85.0	95.0	-30	.04	1	4	284.4	31.9
12H189/612	16:54:32	BB2	85.0	95.0	-30	.04	1	4	284.5	31.7
12I029/652	16:41:02	BB4	75.0	80.0	-10	.04	1	4	285.8	33.3
12I071/690	16:14:59	BB3	87.5	92.5	-20	.04	1	4	283.3	37.6
BOX 224 AZ 70 TO 80 EL 20 TO 30										
11A022/004	07:11:59	BB1	235.0	277.5	-50	.04	1	4	71.4	22.5
11A023/004	07:23:59	BB2	270.0	305.0	-30	.04	1	4	72.1	25.0
11A025/004	07:29:59	BB1	35.0	40.0	-20	.04	1	4	72.5	26.3
11A048/007	07:12:00	BB2	240.0	270.0	-30	.04	1	4	71.5	22.5
11A097/014	07:30:00	BB3	132.5	252.5	-10	.04	1	4	73.0	26.6
11A100/015	07:30:00	BB1	260.0	262.5	-50	.04	1	3	73.1	26.7
11A111/019	07:20:00	BB3	40.0	60.0	-10	.04	1	4	72.7	24.6
11A154/027	07:20:00	BB4	30.0	100.0	0	.04	1	4	73.4	24.6
11A156/027	07:34:00	BB4	195.0	290.0	0	.04	1	4	74.3	27.6
11B051/036	07:19:59	BB4	10.0	30.0	0	.04	1	4	74.2	23.8
11B052/036	07:24:59	BB3	252.5	335.0	-20	.04	1	4	74.5	24.9
11B053/036	07:34:59	BB1	307.5	335.0	-40	.04	1	4	75.1	27.1
11B076/040	07:39:59	BB2	220.0	240.0	-30	.04	1	2	75.9	28.2
11H160/611	07:37:54	BB4	80.0	100.0	0	.04	1	4	73.5	24.5
11H161/611	07:52:32	BB4	252.5	280.0	0	.04	1	4	74.4	27.7
11H212/619	07:30:40	BB3	40.0	60.0	-10	.04	1	4	72.6	23.4
11H214/619	07:46:44	BB3	215.0	252.5	-10	.04	1	4	73.6	26.9
12A010/002	07:18:00	BB4	65.0	155.0	-10	.04	1	4	71.7	23.7

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 224 AZ 70 TO 80	EL 20	TO 30								
12A039/006	07:24:27	BB1	125.0	132.5	-50	.04	1	4	72.2	25.2
12A103/016	07:29:59	BB1	112.5	160.0	-50	.04	1	3	73.2	26.7
12A107/018	07:30:00	BB3	155.0	207.5	-10	.04	1	4	74.8	26.7
12A108/018	07:40:00	BB2	142.5	167.5	-30	.04	1	4	73.9	28.9
12A110/019	07:12:00	BB3	265.0	310.0	-10	.04	1	4	72.2	22.9
12A124/021	07:29:59	BB1	77.5	117.5	-50	.04	1	3	73.5	26.7
12A155/027	07:30:00	BB4	217.5	227.5	0	.04	1	4	74.0	26.7
12B054/036	07:39:59	BB3	15.0	80.0	-20	.04	1	4	75.4	28.1
12B055/036	07:47:59	BB2	140.0	142.5	-30	.04	1	4	75.9	29.9
12B060/037	07:24:59	BB1	52.5	77.5	-50	.04	1	4	74.6	24.9
12B063/038	07:47:00	BB4	285.0	335.0	0	.04	1	4	76.1	29.7
12H054/577	07:33:05	BB4	75.0	80.0	-10	.04	1	4	75.8	20.6
12H141/600	08:06:14	BB4	285.0	300.0	0	.04	1	4	76.0	29.8
12H204/618	07:15:00	BB2	85.0	95.0	-30	.04	1	4	71.7	20.0
12H205/618	07:40:53	BB3	155.0	182.5	-10	.04	1	4	73.3	25.6
12I014/652	07:21:02	BB4	75.0	80.0	-10	.04	1	4	71.4	22.9
12I036/653	07:24:08	BB4	65.0	127.5	-10	.04	1	4	71.6	23.6
BOX 225 AZ 80 TO 90	EL 20	TO 30								
11G243/547	07:54:50	BB2	250.0	260.0	-30	.04	1	3	80.7	22.1
12G171/520	08:39:59	BB1	15.0	22.5	-20	.04	1	4	88.3	28.6
12G194/527	08:27:29	BB2	117.5	125.0	-30	.04	1	4	86.1	26.8
12G204/528	08:17:28	BB1	115.0	125.0	-40	.04	1	3	85.1	24.6
12G205/528	08:22:28	BB1	115.0	125.0	-40	.04	1	2	85.6	25.8
BOX 227 AZ 100 TO 110	EL 20	TO 30								
11I185/826	07:59:59	BB4	30.0	62.5	0	.04	1	4	101.6	29.6
11I207/841	08:03:16	BB1	170.0	305.0	-50	.04	1	4	105.8	28.9
BOX 229 AZ 120 TO 130	EL 20	TO 30								
11D122/302	09:15:30	BB3	275.0	280.0	-20	.04	1	3	129.7	20.7
11E077/350	09:44:46	BB4	60.0	160.0	0	.04	1	3	127.1	22.5
12D090/296	09:08:59	BB2	115.0	122.5	-40	.04	1	2	129.2	20.4
12D091/296	09:10:29	BB2	40.0	60.0	-30	.04	1	2	129.5	20.7
12J003/921	08:54:58	BB1	147.5	157.5	-50	.04	1	2	127.6	25.8
BOX 230 AZ 130 TO 140	EL 20	TO 30								
11D066/289	09:59:59	BB4	157.5	170.0	-10	.04	1	3	138.3	29.8
11D095/297	09:59:58	BB4	150.0	180.0	-10	.04	1	3	137.5	28.7
11D123/302	09:32:00	BB3	275.0	280.0	-20	.04	1	3	132.2	23.5
11D223/326	10:00:00	BB4	160.0	167.5	-10	.04	1	4	133.6	25.9
12D124/302	09:34:00	BB3	82.5	87.5	-20	.04	1	3	132.5	23.9
12E062/347	09:59:59	BB1	137.5	167.5	-50	.04	1	2	130.0	25.2
BOX 239 AZ 220 TO 230	EL 20	TO 30								
11J013/921	15:19:22	BB2	270.0	280.0	-20	.04	1	3	228.7	29.6
12D044/282	16:00:00	BB1	55.0	117.5	-50	.04	1	3	229.2	23.4
BOX 240 AZ 230 TO 240	EL 20	TO 30								
11E054/345	16:59:59	BB2	250.0	277.5	-30	.04	1	2	233.2	21.1
11E086/353	16:49:59	BB4	270.0	335.0	-10	.04	1	2	232.1	24.2
12C187/250	16:00:00	BB2	102.5	110.0	-20	.04	1	2	235.7	22.4
12E133/367	16:36:19	BB2	105.0	115.0	-40	.04	1	4	230.9	28.9

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 241 AZ 240 TO 250 EL 20 TO 30										
11C085/207	15:41:38	BB2	160.0	250.0	-30	.04	1	3	243.4	28.2
11F104/408	17:11:59	BB2	267.5	282.5	-20	.04	1	4	242.9	27.8
12C111/210	15:59:31	BB2	95.0	105.0	-20	.04	1	3	245.2	24.3
12F054/400	17:09:59	BB4	10.0	185.0	-10	.04	1	4	241.0	27.3
12F055/400	17:29:59	BB2	80.0	175.0	-30	.04	1	4	243.8	23.3
BOX 242 AZ 250 TO 260 EL 20 TO 30										
11C035/182	16:30:00	BB4	72.5	80.0	-10	.04	1	3	255.8	20.4
11F205/441	17:20:49	BB2	240.0	330.0	-30	.04	1	4	251.8	28.6
11I203/838	16:10:00	BB3	270.0	280.0	-20	.04	1	4	256.6	26.1
12I204/838	16:15:00	BB3	87.5	92.5	-20	.04	1	4	257.2	25.0
BOX 243 AZ 260 TO 270 EL 20 TO 30										
12I170/801	16:14:59	BB3	87.5	92.5	-20	.04	1	4	265.8	29.2
BOX 245 AZ 280 TO 290 EL 20 TO 30										
11B097/040	17:25:59	BB3	130.0	230.0	-10	.04	1	3	286.2	21.2
11B120/042	17:30:00	BB3	230.0	330.0	-10	.04	1	3	286.3	20.3
11H083/583	17:52:28	BB3	155.0	185.0	-10	.04	1	4	285.1	20.1
11I060/688	17:00:13	BB3	155.0	182.5	-10	.04	1	4	286.0	27.8
12A252/031	16:59:59	BB1	25.0	30.0	-20	.04	1	3	285.2	27.4
12B096/040	17:16:59	BB3	12.5	102.5	-10	.04	1	3	285.6	23.2
12B108/041	17:14:59	BB4	90.0	105.0	0	.04	1	3	285.4	23.6
12B110/041	17:21:59	BB2	77.5	115.0	-30	.04	1	3	285.8	22.1
12B111/041	17:27:59	BB3	115.0	202.5	-20	.04	1	3	286.2	20.8
12H103/592	17:46:25	BB3	75.0	85.0	-10	.04	1	3	285.7	21.1
12I031/652	17:11:02	BB4	75.0	80.0	-10	.04	1	4	287.4	26.8
BOX 259 AZ 60 TO 70 EL 10 TO 20										
11A055/008	06:47:59	BB2	207.5	217.5	-30	.04	1	4	69.9	17.5
12A187/029	06:24:40	BB4	75.0	100.0	0	.04	1	3	69.7	11.9
12I010/652	06:46:02	BB4	75.0	80.0	-10	.04	1	3	69.1	15.5
BOX 260 AZ 70 TO 80 EL 10 TO 20										
11B124/045	06:57:59	BB3	155.0	185.0	-10	.04	1	4	73.6	19.1
11B129/050	06:30:00	BB3	300.0	335.0	-10	.04	1	3	72.1	13.1
11B130/051	06:59:29	BB3	185.0	215.0	-10	.04	1	3	74.4	19.4
11B149/065	06:57:39	BB3	155.0	185.0	-10	.04	1	4	76.2	19.0
11B154/070	06:29:40	BB3	300.0	335.0	-10	.04	1	3	74.8	12.8
11B155/071	06:59:10	BB3	185.0	215.0	-10	.04	1	3	77.2	19.2
11B174/085	06:57:59	BB3	167.5	187.5	-10	.04	1	4	79.4	18.8
11B179/090	06:29:29	BB3	300.0	327.5	-10	.04	1	3	78.0	12.4
11H066/578	07:23:42	BB3	155.0	185.0	-10	.04	1	4	75.0	18.7
11H079/582	06:54:56	BB3	300.0	335.0	-10	.04	1	3	72.5	12.8
11H080/582	07:25:46	BB3	185.0	215.0	-10	.04	1	3	74.8	19.5
11H192/613	07:15:21	BB1	230.0	240.0	-40	.04	1	4	71.9	19.7
11H200/616	07:14:11	BB2	282.5	292.5	-30	.04	1	4	71.7	19.7
12A056/008	06:49:59	BB3	22.5	32.5	-20	.04	1	4	70.1	17.9
12A188/029	06:51:40	BB4	75.0	100.0	0	.04	1	3	71.6	17.7
12B128/049	06:58:59	BB3	10.0	40.0	-10	.04	1	3	74.2	19.3
12B153/069	06:58:39	BB3	10.0	40.0	-10	.04	1	3	76.8	19.2
12H052/577	06:58:04	BB4	75.0	80.0	-10	.04	1	3	73.2	13.0
12H191/613	07:13:21	BB2	35.0	42.5	-30	.04	1	4	71.8	19.3

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 261 AZ 80 TO 90 EL 10 TO 20										
11B194/100	06:59:29	BB3	187.5	215.0	-10	.04	1	3	82.3	18.8
11B202/117	06:59:58	BB3	187.5	215.0	-10	.04	1	3	85.9	18.4
12B178/089	06:58:59	BB3	20.0	37.5	-10	.04	1	3	80.2	19.0
12B203/118	06:59:59	BB3	20.0	37.5	-10	.04	1	3	86.1	18.4
12G127/510	07:59:48	BB3	20.0	37.5	-10	.04	1	3	86.3	18.1
12G170/520	07:39:59	BB1	15.0	22.5	-20	.04	1	4	83.1	15.1
BOX 262 AZ 90 TO 100 EL 10 TO 20										
11B219/159	06:59:59	BB1	277.5	295.0	-50	.04	1	4	95.5	16.1
11B224/165	06:59:58	BB1	305.0	315.0	-50	.04	1	4	97.0	15.6
11B225/165	07:04:58	BB3	285.0	315.0	-20	.04	1	4	97.5	16.7
11B226/165	07:09:58	BB3	247.5	272.5	-30	.04	1	4	98.0	17.8
12B206/150	06:59:59	BB1	27.5	37.5	-40	.04	1	4	93.4	16.8
12B207/151	06:59:59	BB1	160.0	167.5	-50	.04	1	4	93.7	16.7
12B213/156	06:59:59	BB1	295.0	305.0	-30	.04	1	4	94.8	16.3
BOX 263 AZ 100 TO 110 EL 10 TO 20										
11C037/183	06:59:59	BB4	72.5	80.0	-10	.04	1	3	101.2	13.8
11C038/183	07:01:59	BB4	127.5	132.5	-10	.04	1	2	101.4	14.3
11C039/183	07:03:59	BB1	302.5	307.5	-40	.04	1	2	101.6	14.7
11F171/433	08:47:23	BB4	287.5	332.5	0	.04	1	3	104.0	17.1
12C040/183	07:05:59	BB1	45.0	52.5	-50	.04	1	3	101.8	15.2
12C041/183	07:07:59	BB1	77.5	82.5	-40	.04	1	2	102.0	15.6
12C042/183	07:09:59	BB4	40.0	65.0	-10	.04	1	3	102.2	16.1
12C043/183	07:13:59	BB2	10.0	25.0	-30	.04	1	3	102.6	16.9
12C044/183	07:16:59	BB2	32.5	60.0	-20	.04	1	3	103.0	17.6
12F181/435	08:45:59	BB4	40.0	82.5	-10	.04	1	3	103.5	17.1
12F184/437	08:38:46	BB2	30.0	37.5	-20	.04	1	3	102.4	15.8
12I206/841	07:20:43	BB4	15.0	125.0	-10	.04	1	4	100.9	19.5
BOX 264 AZ 110 TO 120 EL 10 TO 20										
12C080/207	07:35:59	BB3	25.0	37.5	-10	.04	1	2	110.3	18.5
12C099/209	07:35:59	BB4	205.0	215.0	-10	.04	1	2	110.7	18.2
BOX 265 AZ 120 TO 130 EL 10 TO 20										
11D121/302	09:10:30	BB3	275.0	280.0	-20	.04	1	3	129.0	19.9
BOX 277 AZ 240 TO 250 EL 10 TO 20										
12C112/210	16:29:31	BB2	95.0	105.0	-20	.04	1	2	249.0	18.1
BOX 278 AZ 250 TO 260 EL 10 TO 20										
11B254/174	16:42:00	BB2	150.0	197.5	-30	.04	1	2	259.0	18.5
12C036/182	16:32:00	BB4	265.0	267.5	-10	.04	1	3	256.0	19.9
12C113/210	16:44:31	BB2	95.0	105.0	-20	.04	1	2	250.7	14.9
12C114/210	16:59:31	BB2	95.0	105.0	-20	.04	1	1	252.3	11.7
BOX 279 AZ 260 TO 270 EL 10 TO 20										
11B229/165	17:19:59	BB4	7.5	75.0	0	.04	1	4	264.9	11.0
12B227/165	16:59:59	BB4	7.5	90.0	0	.04	1	4	263.0	15.5
12B228/165	17:09:59	BB3	100.0	115.0	-10	.04	1	4	264.0	13.2
12B234/168	17:19:59	BB2	7.5	77.5	-30	.04	1	2	264.3	10.7

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HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 280 AZ 270 TO 280 EL 10 TO 20										
11B189/094	17:27:59	BB3	167.5	187.5	-10	.04	1	4	279.6	16.7
BOX 281 AZ 280 TO 290 EL 10 TO 20										
11A052/007	17:41:59	BB2	207.5	217.5	-30	.04	1	4	289.5	19.2
11B098/040	17:36:59	BB4	90.0	155.0	0	.04	1	3	286.9	18.9
11B099/040	17:43:59	BB3	35.0	65.0	-10	.04	1	3	287.4	17.4
11B123/043	17:34:00	BB3	300.0	335.0	-10	.04	1	3	286.5	19.3
11B139/054	17:27:59	BB3	155.0	185.0	-10	.04	1	4	285.0	19.9
11B148/063	17:33:40	BB3	300.0	335.0	-10	.04	1	3	284.4	18.1
11B164/074	17:27:40	BB3	155.0	185.0	-10	.04	1	4	282.5	18.5
11B173/083	17:33:21	BB3	300.0	335.0	-10	.04	1	3	281.7	16.5
11H137/597	17:54:58	BB4	90.0	155.0	0	.04	1	3	286.9	19.1
11H138/597	18:01:53	BB3	35.0	60.0	-10	.04	1	3	287.4	17.7
12A054/007	17:44:59	BB3	22.5	32.5	-20	.04	1	4	289.7	18.5
12A235/029	17:45:40	BB4	140.0	290.0	0	.04	1	3	288.4	17.6
12B112/041	17:37:59	BB3	267.5	310.0	-10	.04	1	3	286.9	18.6
12H064/577	18:38:05	BB4	75.0	80.0	-10	.04	1	3	287.7	10.4
12H134/596	17:55:46	BB3	267.5	305.0	-10	.04	1	3	286.8	19.0
12H156/608	17:56:59	BB2	107.5	115.0	-30	.04	1	4	288.1	18.4
BOX 295 AZ 60 TO 70 EL 0 TO 10										
11A142/025	05:44:59	BB4	292.5	335.0	-10	.04	1	3	66.0	4.6
12A183/029	05:39:40	BB4	75.0	100.0	0	.04	1	3	66.0	2.5
12A185/029	06:09:40	BB4	75.0	100.0	0	.04	1	3	68.5	8.8
12I006/652	05:51:02	BB4	75.0	80.0	-10	.04	1	3	64.8	4.1
12I008/652	06:16:02	BB4	75.0	80.0	-10	.04	1	3	66.9	9.2
BOX 314 AZ 250 TO 260 EL 0 TO 10										
12C115/210	17:14:31	BB2	95.0	105.0	-20	.04	1	1	253.9	8.5
BOX 315 AZ 260 TO 270 EL 0 TO 10										
11B220/163	17:29:59	BB4	235.0	335.0	0	.04	1	4	266.3	9.0
11B221/163	17:40:59	BB3	197.5	205.0	-30	.04	1	4	267.4	6.5
11B222/164	17:29:59	BB4	75.0	92.5	0	.04	1	4	266.1	8.9
11B223/164	17:34:59	BB4	150.0	235.0	0	.04	1	4	266.6	7.7
11B230/166	17:30:00	BB2	217.5	317.5	-30	.04	1	2	265.7	8.6
11B250/172	17:29:59	BB1	177.5	330.0	-50	.04	1	2	264.3	8.0
11C017/178	17:29:59	BB2	317.5	330.0	-30	.04	1	2	262.9	7.5
11F230/464	18:50:34	BB4	85.0	92.5	0	.04	1	3	267.0	9.5
12B218/158	17:30:00	BB4	105.0	140.0	0	.04	1	4	267.4	9.5
12B231/167	17:30:00	BB4	287.5	332.5	0	.04	1	2	265.4	8.5
12B235/168	17:29:59	BB2	115.0	195.0	-30	.04	1	2	265.2	8.4
12B244/171	17:29:59	BB1	45.0	167.5	-50	.04	1	2	264.5	8.1
12B249/172	17:24:59	BB4	200.0	215.0	-10	.04	1	2	263.8	9.2
12C018/178	17:34:59	BB1	20.0	32.5	-40	.04	1	2	263.4	6.3
BOX 317 AZ 280 TO 290 EL 0 TO 10										
12H013/554	19:03:36	BB4	72.5	85.0	-10	.04	1	2	286.4	5.5
12H065/577	19:03:05	BB4	75.0	80.0	-10	.04	1	3	289.8	5.1
BOX 318 AZ 290 TO 300 EL 0 TO 10										
12H227/623	18:57:04	BB4	75.0	80.0	-10	.04	1	2	293.7	5.4
12I033/652	18:41:02	BB4	75.0	80.0	-10	.04	1	3	293.5	7.9

VL-1
HIGH RESOLUTION CAMERA EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 539	AZ 340	TO 350	EL -60	TO -50						
11G102/503	00:10:05	BB2	240.0	330.0	-30	.04	1	4	342.5	-57.0

SURVEY CAMERA EVENTS

VL-1 Survey Camera Events

VL-1
SURVEY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12C179/240	14:32:54	SURV	7.5	320.0	-10	.12	1	3	222.5	37.7
12C192/255	14:30:00	SURV	20.0	20.0	-10	.04	1	3	218.1	37.2
11D005/271	10:33:34	SURV	.0	330.0	-30	.12	1	3	146.8	37.3
11D110/301	13:01:17	SURV	37.5	210.0	-10	.12	1	3	183.3	42.9
11D135/303	10:40:38	SURV	207.5	335.0	-10	.12	1	3	144.8	33.7
11D156/309	03:19:04	SURV	207.5	335.0	-10	.12	1	3	102.0	-53.0
11D229/328	08:08:59	SURV	210.0	212.5	0	.12	1	2	118.7	5.4
11D231/328	08:56:59	SURV	210.0	212.5	0	.12	1	3	124.1	14.6
11D234/328	09:51:59	SURV	210.0	212.5	0	.12	1	3	131.9	24.4
11D238/328	10:38:59	SURV	210.0	212.5	0	.12	1	3	140.4	31.8
11D242/328	11:58:59	SURV	210.0	212.5	0	.12	1	3	159.3	40.9
11D246/328	15:03:59	SURV	210.0	212.5	0	.12	1	3	212.2	36.3
11D250/328	16:13:59	SURV	210.0	212.5	0	.12	1	3	226.2	26.3
11D253/328	16:53:59	SURV	210.0	212.5	0	.12	1	3	232.4	19.5
11E000/328	17:48:59	SURV	210.0	212.5	0	.12	1	2	239.2	9.3
12E016/338	13:05:00	SURV	152.5	162.5	-30	.12	1	4	177.0	44.6
11E066/348	13:59:59	SURV	220.0	220.0	-30	.12	1	3	192.8	44.7
11E110/360	01:08:18	SURV	.0	300.0	10	.12	1	0	22.7	-88.0
12E117/364	11:29:54	SURV	305.0	305.0	-30	.12	1	3	144.5	39.7
11E153/371	21:34:44	SURV	.0	300.0	10	.12	1	0	261.6	-32.0
11E174/376	10:55:11	SURV	250.0	255.0	10	.12	1	3	134.3	35.7
11E201/383	21:08:51	SURV	.0	300.0	10	.12	1	0	261.9	-25.0
11E224/387	07:57:19	SURV	.0	300.0	10	.12	1	0	107.7	1.9
11F093/408	14:09:59	SURV	207.5	257.5	0	.12	1	4	195.8	55.2
11F100/408	16:09:59	SURV	270.0	285.0	0	.12	1	4	232.1	39.6
11H242/642	06:24:55	SURV	182.5	190.0	-50	.04	1	4	67.5	10.7
12I039/653	16:21:13	SURV	10.0	310.0	-10	.12	1	4	284.8	37.6

VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

VL-1 Visual Color and Infrared Triplet Camera Events

VL-1
VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12C003/175	13:00:00	CLR	150.0	227.5	-20	.12	1	3	211.6	61.1
12C005/175	13:20:00	IR	150.0	227.5	-20	.12	1	3	219.7	58.4
12C006/175	13:30:00	CLR	305.0	310.0	-10	.12	1	4	223.3	56.9
12C007/175	13:35:00	IR	305.0	310.0	-10	.12	1	4	225.0	56.1
12C012/178	12:59:59	CLR	280.0	305.0	-10	.12	1	3	210.9	60.4
12C013/178	13:04:59	IR	280.0	305.0	-10	.12	1	3	213.0	59.8
12C019/179	12:59:59	CLR	80.0	150.0	-30	.12	1	3	210.6	60.2
12C020/179	13:09:59	IR	80.0	150.0	-30	.12	1	3	214.8	59.0
12C023/179	13:34:59	CLR	305.0	310.0	-10	.12	1	4	223.8	55.4
12C024/179	13:39:59	IR	305.0	310.0	-10	.12	1	4	225.4	54.6
11C027/182	08:30:00	CLR	35.0	40.0	-10	.12	1	4	111.9	33.4
11C028/182	08:33:00	CLR	55.0	60.0	-10	.12	1	4	112.3	34.0
12C029/182	11:00:00	CLR	315.0	330.0	-30	.12	1	4	159.4	59.6
11C045/183	09:25:00	IR	35.0	40.0	-10	.12	1	4	121.7	44.3
11C046/183	09:30:00	CLR	35.0	40.0	-10	.12	1	4	122.8	45.3
11C048/183	12:00:00	CLR	112.5	172.5	-10	.12	1	3	180.2	62.9
11C049/183	12:10:00	IR	112.5	172.5	-10	.12	1	3	185.5	62.8
11C057/192	08:30:00	IR	35.0	40.0	-10	.12	1	4	114.3	32.0
11C058/192	08:35:00	CLR	35.0	40.0	-10	.12	1	4	115.1	33.0
11C059/192	13:00:00	CLR	172.5	205.0	-30	.12	1	3	207.6	57.4
11C060/192	13:10:00	IR	172.5	205.0	-30	.12	1	3	211.5	56.3
11C061/196	08:30:00	IR	35.0	40.0	-10	.12	1	4	115.2	31.4
11C062/196	08:35:00	CLR	35.0	40.0	-10	.12	1	4	116.0	32.4
11C063/196	10:00:00	CLR	10.0	82.5	-10	.12	1	3	133.2	48.2
11C064/196	10:10:00	IR	10.0	82.5	-10	.12	1	3	135.9	49.9
12C065/197	07:59:59	CLR	247.5	260.0	-10	.12	1	3	111.2	25.0
12C066/197	08:04:59	IR	247.5	260.0	-10	.12	1	3	111.9	26.1
11C069/197	09:34:59	IR	35.0	40.0	-10	.12	1	4	127.3	43.8
11C070/197	09:39:59	CLR	35.0	40.0	-10	.12	1	4	128.5	44.6
11C071/197	14:09:59	CLR	205.0	270.0	-30	.12	1	3	228.7	46.6
11C072/197	14:19:59	IR	205.0	270.0	-30	.12	1	3	231.1	44.9
12C083/207	13:39:59	CLR	285.0	310.0	-20	.12	1	4	217.7	49.6
11C084/207	15:10:04	CLR	117.5	230.0	-10	.12	1	4	238.4	34.4
12C093/208	12:19:59	CLR	260.0	280.0	-10	.12	1	3	187.6	56.6
12C094/208	12:29:59	IR	260.0	280.0	-10	.12	1	3	191.9	56.2
12C095/208	13:29:59	CLR	305.0	310.0	-10	.12	1	4	214.3	50.8
12C096/208	13:34:59	IR	305.0	310.0	-10	.12	1	4	215.9	50.1
11C097/208	14:44:59	CLR	270.0	280.0	-20	.12	1	3	233.5	39.0
11C098/208	14:49:59	IR	270.0	280.0	-20	.12	1	3	234.5	38.1
11C100/209	09:29:59	IR	35.0	40.0	-10	.12	1	4	128.7	40.6
11C101/209	09:34:59	CLR	35.0	40.0	-10	.12	1	4	129.8	41.5
12C118/211	15:02:04	CLR	115.0	170.0	10	.12	1	5	236.0	35.5
12C119/211	15:08:05	IR	115.0	170.0	10	.12	1	5	237.0	34.4
11C125/218	14:30:00	CLR	290.0	295.0	-20	.12	1	4	227.7	40.4
11C126/218	14:34:31	IR	290.0	295.0	-20	.12	1	4	228.6	39.6
12C143/222	09:31:40	CLR	82.5	127.5	10	.12	1	5	131.2	38.3
12C144/222	14:56:50	CLR	120.0	165.0	10	.12	1	5	232.1	35.3
12C153/232	12:19:59	CLR	280.0	315.0	-20	.12	1	5	184.0	51.4
12C163/239	11:10:00	CLR	280.0	315.0	-20	.12	1	4	158.5	47.4
11C182/246	09:59:59	CLR	35.0	40.0	-10	.12	1	4	139.5	37.7
12C199/258	10:17:49	CLR	37.5	77.5	10	.12	1	5	143.7	37.7
12C200/258	14:37:49	CLR	112.5	152.5	10	.12	1	5	219.1	36.0
12C213/260	14:44:59	CLR	55.0	155.0	-30	.12	1	3	220.2	34.9
12C229/268	10:59:59	CLR	280.0	315.0	-20	.12	1	4	153.7	40.8
12C230/268	11:03:59	IR	285.0	312.5	-20	.12	1	4	154.7	41.2
11C232/269	07:41:58	CLR	210.0	210.0	-20	.12	1	2	118.8	8.8
12C233/269	08:41:58	CLR	35.0	35.0	-20	.12	1	3	126.2	20.2
11C234/269	09:41:58	CLR	210.0	210.0	-20	.12	1	3	136.0	30.4
12C235/269	10:41:58	CLR	35.0	35.0	-20	.12	1	4	149.0	38.7
11C236/269	11:41:58	CLR	210.0	210.0	-20	.12	1	4	165.5	43.9
12C237/269	12:41:59	CLR	35.0	35.0	-20	.12	1	4	184.4	45.1
11C238/269	13:41:59	CLR	210.0	210.0	-20	.12	1	4	202.5	41.9
12C239/269	14:41:59	CLR	35.0	35.0	-20	.12	1	4	217.4	35.1
11C240/269	16:13:59	CLR	210.0	210.0	-20	.12	1	2	233.7	20.3
11D012/276	09:53:59	IR	35.0	40.0	-10	.12	1	3	138.0	31.0
11D013/276	09:56:59	CLR	35.0	40.0	-10	.12	1	3	138.6	31.4
11D014/276	09:59:59	CLR	157.5	170.0	-10	.12	1	3	139.2	31.9
11D015/276	10:02:59	IR	157.5	170.0	-10	.12	1	3	139.8	32.3
11D023/280	10:50:35	CLR	247.5	267.5	10	.12	16	5	150.0	37.8
11D024/280	10:53:35	IR	252.5	272.5	10	.12	16	5	150.8	38.2

VL-1
VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12D038/282	11:44:59	CLR	280.0	315.0	-20	.12	1	4	164.3	42.3
11D040/282	12:19:59	CLR	35.0	40.0	-10	.12	1	3	174.8	43.8
11D062/288	14:09:59	CLR	232.5	237.5	-30	.12	1	3	205.6	39.0
11D063/288	14:14:59	IR	232.5	237.5	-30	.12	1	3	206.9	38.5
12D125/302	10:30:00	CLR	55.0	150.0	-30	.12	1	3	142.7	32.4
12D127/302	11:55:32	CLR	182.5	272.5	10	.12	1	4	163.6	41.2
11D128/302	13:00:00	CLR	155.0	280.0	-30	.12	1	4	182.7	42.9
12D136/303	11:49:59	CLR	280.0	315.0	-20	.12	1	4	161.9	40.8
11D141/304	08:29:59	CLR	35.0	40.0	-10	.12	1	3	123.5	12.2
12D194/321	11:09:29	IR	285.0	295.0	-10	.12	1	4	148.2	36.0
12D195/321	11:11:19	CLR	285.0	295.0	-10	.12	1	4	148.6	36.2
11D197/321	11:22:29	IR	235.0	275.0	10	.12	16	5	151.3	37.5
11D199/321	11:27:49	CLR	235.0	275.0	10	.12	16	5	152.6	38.1
12D206/324	08:31:59	CLR	155.0	237.5	10	.12	1	3	121.7	10.3
12D207/324	08:40:59	IR	155.0	237.5	10	.12	1	3	122.7	12.0
11D209/324	09:58:15	CLR	42.5	60.0	-20	.12	1	4	133.6	25.7
12D210/324	10:00:35	CLR	285.0	302.5	-20	.12	1	4	134.0	26.1
12D211/324	11:51:59	CLR	280.0	322.5	-20	.12	1	4	158.2	40.3
12D218/325	08:25:17	CLR	232.5	250.0	10	.12	1	4	120.8	8.9
11D227/328	08:06:59	CLR	210.0	212.5	0	.12	1	2	118.5	5.0
11D228/328	08:07:59	IR	210.0	212.5	0	.12	1	2	118.6	5.2
11D230/328	08:54:59	CLR	210.0	212.5	0	.12	1	3	123.9	14.3
11D232/328	09:49:59	CLR	210.0	212.5	0	.12	1	3	131.6	24.1
11D233/328	09:50:59	IR	210.0	212.5	0	.12	1	3	131.8	24.2
11D237/328	10:36:59	CLR	210.0	212.5	0	.12	1	4	140.0	31.5
11D240/328	11:56:59	CLR	210.0	212.5	0	.12	1	4	158.8	40.7
11D241/328	11:57:59	IR	210.0	212.5	0	.12	1	4	159.1	40.8
11D244/328	15:01:59	CLR	210.0	212.5	0	.12	1	4	211.7	36.6
11D245/328	15:02:59	IR	210.0	212.5	0	.12	1	4	212.0	36.5
11D248/328	16:11:59	CLR	210.0	212.5	0	.12	1	3	225.8	26.7
11D249/328	16:12:59	IR	210.0	212.5	0	.12	1	3	226.0	26.5
11D252/328	16:51:59	CLR	210.0	212.5	0	.12	1	3	232.1	19.9
11D254/328	17:46:59	CLR	210.0	212.5	0	.12	1	2	239.0	9.6
11D255/328	17:47:59	IR	210.0	212.5	0	.12	1	2	239.1	9.4
12E018/339	12:00:00	CLR	280.0	315.0	-20	.12	1	3	157.4	41.3
12E030/342	16:20:00	CLR	70.0	115.0	-10	.12	1	2	226.9	27.5
12E031/342	16:25:00	IR	70.0	115.0	-10	.12	1	2	227.7	26.7
12E032/342	16:30:00	CLR	305.0	310.0	-10	.12	1	4	228.6	25.9
12E033/342	16:33:00	IR	305.0	310.0	-10	.12	1	4	229.1	25.4
12E034/343	08:17:00	CLR	230.0	295.0	10	.12	1	3	117.4	5.9
12E035/343	08:24:54	IR	230.0	295.0	10	.12	1	3	118.2	7.5
12E036/343	08:32:48	CLR	230.0	295.0	10	.12	1	3	119.1	9.1
12E064/347	22:22:22	CLR	230.0	295.0	10	.12	1	3	260.7	-45.0
11E072/349	09:59:59	IR	35.0	40.0	-10	.12	1	2	129.6	25.2
11E073/349	10:03:59	CLR	35.0	40.0	-10	.12	1	2	130.2	25.9
11E074/349	12:59:59	CLR	137.5	207.5	-30	.12	1	3	173.4	45.6
11E075/349	13:09:59	IR	140.0	207.5	-30	.12	1	3	176.7	45.8
12E076/350	09:12:58	CLR	215.0	265.0	10	.12	1	1	122.7	16.6
11E120/366	09:59:54	IR	35.0	40.0	-10	.12	1	2	126.4	25.5
11E121/366	10:03:54	CLR	35.0	40.0	-10	.12	1	2	127.0	26.3
11E123/366	10:59:55	CLR	162.5	245.0	10	.12	1	4	137.3	35.6
11E124/366	11:09:55	IR	162.5	245.0	10	.12	1	4	139.5	37.1
12E126/367	07:28:52	CLR	215.0	265.0	10	.12	1	0	108.9	-4.7
12E127/367	07:39:20	CLR	215.0	265.0	10	.12	1	0	109.8	-2.5
12E128/367	08:11:09	CLR	210.0	270.0	10	.12	1	0	112.8	4.2
12E129/367	08:22:35	CLR	210.0	270.0	10	.12	1	1	113.9	6.6
12E130/367	08:34:01	CLR	210.0	270.0	10	.12	1	1	115.1	8.9
11E136/369	09:59:58	CLR	35.0	40.0	-10	.12	1	2	125.8	25.7
11E137/369	10:04:58	IR	35.0	40.0	-10	.12	1	2	126.6	26.6
12E140/369	11:34:28	CLR	285.0	295.0	-10	.12	1	2	144.6	40.8
12E141/369	11:36:28	CLR	285.0	295.0	-10	.12	5	2	145.2	41.1
12E142/369	11:38:28	IR	285.0	295.0	-10	.12	1	2	145.7	41.3
12E143/369	11:40:28	IR	285.0	295.0	-10	.12	5	2	146.2	41.6
11E157/372	09:59:59	CLR	35.0	40.0	-10	.12	1	2	125.2	25.8
11E171/376	09:59:59	CLR	35.0	40.0	-10	.12	1	2	124.4	26.0
11E172/376	10:04:59	IR	35.0	40.0	-10	.12	1	2	125.2	27.0
11E175/376	11:00:11	CLR	207.5	257.5	10	.12	9	5	135.3	36.5
11E176/376	11:07:11	CLR	207.5	257.5	10	.12	1	3	136.8	37.6
11E177/376	11:15:11	IR	222.5	257.5	10	.12	1	3	138.6	38.8
11E178/376	11:22:11	IR	225.0	257.5	10	.12	9	5	140.2	39.8

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VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12E188/379	07:50:19	CLR	25.0	157.5	10	.12	1	1	108.6	.0
12E189/379	08:03:01	CLR	25.0	157.5	10	.12	1	2	109.8	2.7
12E190/379	08:15:43	CLR	25.0	157.5	10	.12	1	3	111.0	5.4
11E212/386	10:29:59	IR	35.0	40.0	-10	.12	1	2	127.5	32.4
11E213/386	10:31:59	CLR	35.0	40.0	-10	.12	1	2	127.8	32.8
11E216/386	15:34:59	CLR	297.5	307.5	-20	.12	1	2	220.4	41.9
11E217/386	15:37:59	CLR	297.5	307.5	-20	.12	5	3	221.1	41.5
11E218/386	15:40:59	IR	297.5	307.5	-20	.12	1	2	221.8	41.0
11E219/386	15:43:59	IR	297.5	307.5	-20	.12	5	3	222.5	40.6
12E222/386	16:39:18	CLR	117.5	165.0	10	.12	9	5	233.7	31.3
12E223/386	16:47:18	CLR	100.0	165.0	10	.12	1	3	235.1	29.8
11E240/390	08:11:00	CLR	187.5	190.0	0	.12	1	1	108.5	4.9
11E241/390	08:12:00	IR	187.5	190.0	0	.12	1	1	108.6	5.2
11E242/390	08:31:00	CLR	190.0	192.5	0	.12	1	2	110.5	9.2
11E243/390	08:32:00	IR	190.0	192.5	0	.12	1	2	110.6	9.4
11E244/390	09:16:00	CLR	192.5	195.0	0	.12	1	3	115.6	18.5
11E245/390	09:17:00	IR	192.5	195.0	0	.12	1	3	115.8	18.7
11E246/390	10:16:00	CLR	195.0	197.5	0	.12	1	3	124.3	30.2
11E247/390	10:17:00	IR	195.0	197.5	0	.12	1	3	124.4	30.4
11E250/390	11:11:59	IR	35.0	40.0	-10	.12	1	2	135.1	40.0
11E251/390	11:13:59	CLR	35.0	40.0	-10	.12	1	2	135.6	40.3
11E252/390	11:15:59	CLR	212.5	215.0	0	.12	1	4	136.0	40.6
11E253/390	11:16:59	IR	212.5	215.0	0	.12	1	4	136.3	40.8
11E254/390	13:30:59	CLR	255.0	257.5	0	.12	1	4	179.6	52.7
11E255/390	13:31:59	IR	255.0	257.5	0	.12	1	4	180.0	52.7
11F000/390	15:15:59	CLR	290.0	292.5	0	.12	1	4	215.9	45.2
11F001/390	15:16:59	IR	290.0	292.5	0	.12	1	4	216.2	45.1
11F002/390	16:20:59	CLR	307.5	310.0	0	.12	1	4	231.0	35.1
11F003/390	16:21:59	IR	307.5	310.0	0	.12	1	4	231.2	35.0
11F005/390	17:15:59	CLR	317.5	320.0	0	.12	1	3	240.1	24.9
11F006/390	17:16:59	IR	317.5	320.0	0	.12	1	3	240.3	24.7
11F007/390	18:05:59	CLR	325.0	327.5	0	.12	1	2	246.6	14.8
11F008/390	18:06:59	IR	325.0	327.5	0	.12	1	2	246.7	14.6
12F009/391	07:17:36	CLR	25.0	157.5	10	.12	1	1	103.4	-6.6
12F010/391	07:30:18	CLR	25.0	157.5	10	.12	1	2	104.5	-3.8
12F025/396	01:34:22	CLR	25.0	157.5	10	.12	1	1	31.9	-80.0
11F031/396	10:29:59	IR	35.0	40.0	-10	.12	1	3	125.4	33.4
11F032/396	10:31:59	CLR	35.0	40.0	-10	.12	1	3	125.8	33.8
12F047/398	00:09:27	CLR	25.0	157.5	10	.12	1	1	298.3	-72.0
12F072/403	06:52:42	CLR	27.5	250.0	10	.12	1	1	98.9	-11.0
12F073/403	07:13:18	CLR	27.5	250.0	10	.12	1	2	100.6	.0
12F089/408	11:09:59	CLR	285.0	295.0	-10	.12	1	4	131.1	42.2
12F090/408	11:12:59	IR	285.0	295.0	-10	.12	1	4	131.8	42.7
12F091/408	11:15:59	CLR	285.0	295.0	-10	.12	1	3	132.5	43.2
12F092/408	11:18:59	IR	285.0	295.0	-10	.12	1	3	133.2	43.7
11F107/408	18:19:38	CLR	215.0	300.0	-20	.12	1	2	251.4	13.7
11F119/416	14:30:09	CLR	330.0	330.0	-20	.12	1	4	205.0	55.2
12F125/419	17:20:04	CLR	35.0	35.0	-10	.12	1	4	246.4	27.2
11F131/422	11:04:10	CLR	35.0	40.0	-10	.12	1	4	127.0	43.4
12F134/423	12:04:34	CLR	285.0	312.5	-20	.12	1	4	143.4	53.2
12F136/423	18:17:17	CLR	310.0	310.0	-10	.12	1	3	254.3	15.4
12F157/431	16:14:59	CLR	157.5	165.0	-30	.12	1	4	238.7	41.4
12F158/431	16:22:27	IR	157.5	165.0	-30	.12	1	4	240.1	39.9
11F161/432	11:14:59	CLR	35.0	40.0	-10	.12	1	4	127.6	47.1
11F162/432	11:16:59	IR	35.0	40.0	-10	.12	1	4	128.1	47.4
11F163/432	11:18:59	CLR	52.5	60.0	-10	.12	1	4	128.6	47.8
11F164/432	11:20:59	IR	52.5	60.0	-10	.12	1	4	129.1	48.1
12F165/432	11:22:59	CLR	272.5	280.0	-10	.12	1	4	129.6	48.5
12F166/432	11:24:59	IR	272.5	280.0	-10	.12	1	4	130.1	48.8
12F167/432	11:26:59	CLR	285.0	292.5	-10	.12	1	4	130.6	49.2
12F168/432	11:28:59	IR	285.0	292.5	-10	.12	1	4	131.1	49.5
12F169/432	11:30:59	CLR	305.0	310.0	-10	.12	1	4	131.7	49.9
12F170/432	11:32:59	IR	305.0	310.0	-10	.12	1	4	132.2	50.2
11F174/433	18:38:41	CLR	27.5	67.5	10	.12	7	5	258.8	11.3
12F179/434	13:19:00	CLR	305.0	310.0	-10	.12	1	4	174.6	61.9
12F199/441	12:46:59	CLR	305.0	310.0	-10	.12	1	4	158.5	61.8
12F200/441	12:56:58	IR	305.0	310.0	-10	.12	1	4	163.4	62.5
12F202/441	13:11:58	IR	90.0	125.0	-30	.12	1	4	171.3	63.3
12F203/441	14:26:09	CLR	80.0	150.0	-30	.12	1	4	209.4	60.1
11F237/469	12:58:56	CLR	35.0	40.0	-10	.12	1	4	165.4	69.0

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VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11F238/469	13:00:56	IR	35.0	40.0	-10	.12	1	4	166.8	69.1
11F239/469	13:18:56	CLR	205.0	225.0	-30	.12	1	4	179.2	69.6
11F240/469	13:23:56	IR	205.0	225.0	-30	.12	1	4	182.6	69.6
11F246/470	08:50:44	CLR	227.5	267.5	10	.12	13	5	97.7	23.4
11F247/470	08:55:29	IR	257.5	262.5	10	.12	9	5	98.2	24.4
11G002/470	09:05:29	CLR	227.5	267.5	10	.12	13	5	99.3	26.7
11G007/470	12:58:58	CLR	35.0	40.0	-10	.12	1	4	165.5	69.2
11G008/470	13:00:58	IR	35.0	40.0	-10	.12	1	4	166.9	69.3
11G009/470	13:18:58	CLR	205.0	225.0	-30	.12	1	4	179.4	69.8
11G010/470	13:23:58	IR	205.0	225.0	-30	.12	1	4	182.9	69.8
11G020/474	07:57:59	CLR	167.5	170.0	10	.12	1	4	91.8	12.2
11G021/474	07:59:29	IR	167.5	170.0	10	.12	1	4	91.9	12.5
11G023/474	08:57:59	CLR	177.5	180.0	10	.12	1	5	97.7	25.6
11G024/474	08:59:29	IR	177.5	180.0	10	.12	1	5	97.9	26.0
11G026/474	09:57:59	CLR	182.5	185.0	10	.12	10	5	105.0	38.9
11G027/474	09:59:29	IR	182.5	185.0	10	.12	10	5	105.2	39.2
11G028/474	11:29:59	CLR	200.0	202.5	10	.12	10	5	123.2	57.9
11G029/474	11:31:29	IR	200.0	202.5	10	.12	10	5	123.7	58.2
11G030/474	12:59:59	CLR	240.0	242.5	10	.12	10	5	166.6	70.2
11G031/474	13:01:29	IR	240.0	242.5	10	.12	10	5	167.7	70.2
11G032/474	15:00:00	CLR	310.0	312.5	10	.12	10	5	234.7	59.2
11G033/474	15:01:30	IR	310.0	312.5	10	.12	10	5	235.1	58.9
11G034/474	17:00:00	CLR	335.0	337.5	10	.12	10	5	257.8	34.3
11G035/474	17:01:30	IR	335.0	337.5	10	.12	5	5	257.9	34.0
11G037/474	18:00:00	CLR	340.0	342.5	10	.12	1	5	264.4	20.9
11G038/474	18:01:30	IR	340.0	342.5	10	.12	1	5	264.6	20.6
12G081/488	14:29:54	CLR	285.0	310.0	-10	.12	1	4	230.3	65.6
11G110/506	11:58:29	IR	35.0	40.0	-10	.12	1	4	126.3	69.4
11G111/506	11:59:59	CLR	35.0	60.0	-10	.12	1	4	127.0	69.7
12G112/506	12:58:48	CLR	310.0	332.5	-30	.12	1	4	171.3	76.9
11G130/511	06:50:52	CLR	240.0	242.5	10	.12	1	3	80.1	2.8
11G131/511	06:51:52	IR	240.0	242.5	10	.12	1	3	80.2	3.1
11G137/511	07:35:52	CLR	242.5	245.0	10	.12	1	4	84.1	12.9
11G138/511	07:36:52	IR	242.5	245.0	10	.12	1	4	84.1	13.1
11G140/511	08:40:52	CLR	250.0	252.5	10	.12	1	5	89.8	27.5
11G141/511	08:41:52	IR	250.0	252.5	10	.12	1	5	89.9	27.7
11G144/511	09:45:52	CLR	255.0	257.5	10	.12	5	5	96.4	42.1
11G145/511	09:46:52	IR	255.0	257.5	10	.12	1	5	96.5	42.3
11G147/511	10:55:52	CLR	265.0	267.5	10	.12	5	5	106.6	57.6
11G148/511	10:56:52	IR	265.0	267.5	10	.12	1	5	106.8	57.8
11G153/511	14:40:53	CLR	40.0	42.5	10	.12	5	5	245.5	64.6
11G154/511	14:41:53	IR	40.0	42.5	10	.12	1	5	245.8	64.4
11G155/511	16:15:53	CLR	340.0	342.5	10	.12	5	5	262.6	44.0
11G156/511	16:16:53	IR	340.0	342.5	10	.12	1	5	262.7	43.8
12G158/511	18:15:53	CLR	175.0	177.5	10	.12	1	5	274.3	17.0
12G159/511	18:16:53	IR	175.0	177.5	10	.12	1	4	274.4	16.8
12G197/527	14:42:28	CLR	285.0	295.0	-10	.12	1	3	253.3	64.3
12G198/527	14:44:28	IR	285.0	295.0	-10	.12	1	3	253.7	63.9
12G199/527	14:46:28	CLR	285.0	295.0	-10	.12	1	4	254.1	63.5
12G200/527	14:48:28	IR	285.0	295.0	-10	.12	1	4	254.6	63.0
11G227/542	12:00:39	CLR	35.0	60.0	-10	.12	1	4	116.7	76.0
11G228/542	12:03:59	IR	35.0	40.0	-10	.12	1	4	118.5	76.7
12G229/542	14:43:39	CLR	137.5	167.5	-30	.12	1	4	259.8	63.8
12G230/542	14:48:39	IR	137.5	167.5	-30	.12	1	4	260.6	62.7
12G231/542	14:53:39	CLR	155.0	165.0	-30	.12	1	4	261.4	61.5
12G232/542	14:55:39	IR	155.0	165.0	-30	.12	1	4	261.7	61.1
12G233/542	14:58:39	CLR	117.5	125.0	-30	.12	1	4	262.2	60.4
12G234/542	15:01:39	IR	117.5	125.0	-30	.12	1	4	262.6	59.8
12G251/550	10:41:58	CLR	177.5	215.0	0	.12	1	4	95.0	59.9
12G254/550	11:01:58	CLR	105.0	115.0	-30	.12	1	4	97.8	64.4
12G255/550	11:06:58	IR	105.0	115.0	-30	.12	1	4	98.6	65.5
11H000/550	11:11:58	IR	35.0	40.0	-10	.12	1	4	99.4	66.6
11H001/550	11:16:58	CLR	35.0	40.0	-10	.12	1	4	100.4	67.8
11H005/551	13:44:14	CLR	200.0	267.5	-30	.12	1	4	248.7	76.5
11H015/556	12:34:26	CLR	35.0	40.0	-10	.12	1	4	144.4	84.2
11H016/556	15:59:26	CLR	140.0	200.0	0	.12	1	4	272.5	46.2
11H050/576	10:57:41	CLR	35.0	60.0	-10	.12	1	4	90.4	66.1
12H051/576	15:55:35	CLR	12.5	80.0	0	.12	1	4	276.3	46.2
11H162/611	08:09:36	CLR	222.5	225.0	-30	.12	1	4	75.4	31.4
11H163/611	08:13:36	IR	222.5	225.0	-30	.12	1	4	75.7	32.3

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VISUAL COLOR AND INFRARED TRIPLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11H165/611	08:21:36	CLR	300.0	302.5	-10	.12	1	4	76.1	34.0
11H166/611	08:23:36	IR	300.0	302.5	-10	.12	1	4	76.2	34.5
11H167/611	09:57:07	IR	35.0	40.0	-10	.12	1	4	80.7	55.1
11H168/611	09:59:07	CLR	35.0	40.0	-10	.12	1	4	80.8	55.6
11H169/611	12:12:39	IR	222.5	225.0	-30	.12	1	4	75.9	85.2
11H170/611	12:20:18	CLR	222.5	225.0	-30	.12	1	4	69.2	86.8
11H171/611	12:26:17	CLR	300.0	302.5	-10	.12	1	4	55.6	88.0
11H172/611	12:29:15	IR	300.0	302.5	-10	.12	1	4	40.6	88.5
11H175/611	16:09:54	CLR	222.5	225.0	-30	.12	1	4	282.0	41.7
11H176/611	16:12:55	IR	222.5	225.0	-30	.12	1	4	282.2	41.0
11H177/611	16:15:56	CLR	300.0	302.5	-10	.12	1	4	282.3	40.4
11H178/611	16:17:57	IR	300.0	302.5	-10	.12	1	4	282.4	39.9
11H180/611	17:41:02	CLR	222.5	225.0	-30	.12	1	4	287.2	21.8
11H181/611	17:45:02	IR	222.5	225.0	-30	.12	1	4	287.5	21.0
11H182/611	17:52:02	CLR	300.0	302.5	-10	.12	1	4	288.0	19.5
11H183/611	17:54:02	IR	300.0	302.5	-10	.12	1	4	288.1	19.0
11H193/614	19:42:18	CLR	212.5	262.5	10	.12	1	1	297.2	.0
11H193/614	19:42:18	CLR	212.5	262.5	10	.12	1	1	297.2	.0
12H195/615	11:54:41	CLR	285.0	290.0	-20	.12	1	4	79.2	81.4
12H196/615	11:58:18	CLR	75.0	135.0	-30	.12	1	4	78.5	82.2
12H197/615	12:12:04	IR	285.0	290.0	-20	.12	1	4	72.6	85.3
12H198/615	12:15:48	IR	75.0	135.0	-30	.12	1	4	69.3	86.0
11H231/627	12:11:18	CLR	197.5	217.5	-30	.12	1	4	63.7	85.4
11I003/651	18:22:37	CLR	150.0	202.5	-20	.12	1	3	292.1	11.7
11I020/652	11:55:36	CLR	217.5	237.5	-30	.12	1	4	67.7	82.9
12I021/652	12:43:46	CLR	147.5	175.0	-30	.12	1	4	302.1	85.1
12I022/652	12:47:42	CLR	95.0	115.0	-20	.12	1	5	297.6	84.3
12I026/652	13:04:02	CLR	307.5	332.5	-30	.12	1	4	288.0	80.9
11I049/672	10:29:59	CLR	35.0	60.0	-10	.12	1	4	79.5	64.8
11I059/688	16:58:01	CLR	175.0	195.0	-20	.12	1	4	285.8	28.3
12I068/690	13:29:59	CLR	285.0	310.0	-10	.12	1	4	278.3	74.1
11I082/709	10:29:59	CLR	35.0	60.0	-10	.12	1	4	85.1	65.9
12I101/727	13:29:59	CLR	285.0	310.0	-10	.12	1	4	266.6	72.7
11I106/730	11:44:04	CLR	160.0	330.0	-20	.12	1	4	108.2	82.8
11I115/746	10:30:00	CLR	35.0	60.0	-10	.12	1	4	96.8	66.3
11I125/762	14:06:56	CLR	175.0	195.0	-20	.12	1	4	260.0	61.9
12I134/764	13:29:59	CLR	285.0	310.0	-10	.12	1	4	251.3	69.7
11I148/783	10:30:00	CLR	35.0	60.0	-10	.12	1	4	113.0	65.1
12I167/801	13:29:59	CLR	285.0	310.0	-10	.12	1	4	236.9	64.6
11I182/820	10:29:59	CLR	35.0	60.0	-10	.12	1	4	129.0	61.1
12I201/838	13:30:00	CLR	285.0	310.0	-10	.12	1	4	224.9	58.0
12J005/921	11:14:58	CLR	280.0	310.0	-20	.12	1	4	159.3	45.0
11J006/921	12:34:58	CLR	205.0	265.0	-30	.12	1	4	185.6	47.4

VISUAL COLOR TRIPLET, IR TRIPLET, AND SURVEY CAMERA EVENTS SORTED BY SUN AZIMUTH/ELEVATION

VL-1 Visual Color Triplet, IR Triplet, and Survey Camera Events Sorted by Sun Azimuth/Elevation

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 1 AZ 0 TO 10 EL 80 TO 90										
11A150/026	12:16:00	SURV	35.0	40.0	-10	.12	1	4	5.7	89.1
BOX 2 AZ 10 TO 20 EL 80 TO 90										
11A207/029	12:17:40	CLR	300.0	302.5	-10	.12	1	4	13.4	89.1
12A172/028	12:17:41	SURV	57.5	145.0	-30	.12	1	4	14.0	89.0
BOX 4 AZ 30 TO 40 EL 80 TO 90										
11A206/029	12:15:40	IR	185.0	187.5	-20	.12	1	4	37.0	88.9
12A064/008	12:12:27	SURV	20.0	37.5	-30	.12	1	4	36.6	87.6
12A171/028	12:15:41	SURV	285.0	290.0	-20	.12	1	4	35.8	88.8
BOX 5 AZ 40 TO 50 EL 80 TO 90										
11H172/611	12:29:15	IR	300.0	302.5	-10	.12	1	4	40.6	88.5
BOX 6 AZ 50 TO 60 EL 80 TO 90										
11A205/029	12:13:40	CLR	185.0	187.5	-20	.12	1	4	51.6	88.6
11H171/611	12:26:17	CLR	300.0	302.5	-10	.12	1	4	55.6	88.0
12A062/008	12:06:59	CLR	22.5	32.5	-30	.12	1	4	54.0	86.8
BOX 7 AZ 60 TO 70 EL 80 TO 90										
11A040/006	12:00:00	CLR	197.5	275.0	-30	.12	1	4	64.7	85.3
11A204/029	12:09:40	IR	222.5	230.0	-30	.12	1	4	66.1	87.8
11H170/611	12:20:18	CLR	222.5	225.0	-30	.12	1	4	69.2	86.8
11H231/627	12:11:18	CLR	197.5	217.5	-30	.12	1	4	63.7	85.4
11I020/652	11:55:36	CLR	217.5	237.5	-30	.12	1	4	67.7	82.9
12A033/005	11:53:59	IR	77.5	130.0	-30	.12	1	4	69.6	84.0
12H198/615	12:15:48	IR	75.0	135.0	-30	.12	1	4	69.3	86.0
BOX 8 AZ 70 TO 80 EL 80 TO 90										
11A093/013	11:53:59	IR	205.0	280.0	-30	.12	1	4	71.5	84.5
11A148/026	11:59:00	IR	35.0	40.0	-10	.12	1	4	76.5	86.0
11A149/026	12:01:00	IR	205.0	305.0	-30	.12	1	4	75.1	86.5
11A203/029	12:05:40	CLR	222.5	230.0	-30	.12	1	4	72.7	87.0
11B044/035	12:07:59	SURV	175.0	205.0	-30	.12	1	4	79.4	87.8
11B045/035	12:11:59	CLR	115.0	175.0	0	.12	1	4	72.9	88.6
11H169/611	12:12:39	IR	222.5	225.0	-30	.12	1	4	75.9	85.2
12A050/007	11:36:27	SURV	20.0	37.5	-30	.12	1	4	76.7	80.3
12A061/008	11:49:00	SURV	310.0	335.0	-30	.12	1	5	73.0	83.1
12A169/028	11:58:41	IR	285.0	290.0	-20	.12	1	4	77.2	85.4
12A170/028	12:00:41	IR	57.5	145.0	-30	.12	1	4	76.0	85.8
12H195/615	11:54:41	CLR	285.0	290.0	-20	.12	1	4	79.2	81.4
12H196/615	11:58:18	CLR	75.0	135.0	-30	.12	1	4	78.5	82.2
12H197/615	12:12:04	IR	285.0	290.0	-20	.12	1	4	72.6	85.3
BOX 9 AZ 80 TO 90 EL 80 TO 90										
11A146/026	11:42:00	CLR	35.0	40.0	-10	.12	1	4	81.9	82.3
11A147/026	11:44:00	CLR	205.0	305.0	-30	.12	1	4	81.6	82.7
11B039/035	11:49:59	CLR	35.0	40.0	-10	.12	1	4	85.1	83.7
11B040/035	11:51:59	IR	35.0	40.0	-10	.12	1	4	84.9	84.2
11B041/035	11:53:59	SURV	35.0	40.0	-10	.12	1	4	84.7	84.6
11B042/035	11:59:59	CLR	175.0	205.0	-30	.12	1	4	83.6	86.0
11B043/035	12:03:59	IR	175.0	205.0	-30	.12	1	4	82.1	86.9

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 9 AZ 80 TO 90			EL 80	TO 90						
11B088/040	11:58:59	CLR	35.0	65.0	-10	.12	1	4	89.9	85.9
12A167/028	11:41:41	CLR	285.0	290.0	-20	.12	1	4	81.8	81.6
12A168/028	11:43:41	CLR	57.5	145.0	-30	.12	1	4	81.5	82.1
12B081/040	11:32:59	CLR	305.0	310.0	-20	.12	1	4	88.2	80.1
12B082/040	11:34:59	CLR	87.5	117.5	-10	.12	1	4	88.4	80.5
12B083/040	11:38:29	IR	87.5	117.5	-10	.12	1	4	88.5	81.3
12B084/040	11:41:59	SURV	87.5	117.5	-10	.12	1	4	88.7	82.1
12B085/040	11:45:59	CLR	137.5	172.5	-10	.12	1	4	89.0	83.0
12B086/040	11:49:59	IR	137.5	172.5	-10	.12	1	4	89.2	83.9
12B087/040	11:53:59	SURV	137.5	172.5	-10	.12	1	4	89.5	84.8
BOX 10 AZ 90 TO 100			EL 80	TO 90						
11B089/040	12:02:29	IR	35.0	65.0	-10	.12	1	4	90.2	86.7
11B090/040	12:05:59	SURV	35.0	65.0	-10	.12	1	4	90.7	87.5
BOX 11 AZ 100 TO 110			EL 80	TO 90						
11I106/730	11:44:04	CLR	160.0	330.0	-20	.12	1	4	108.2	82.8
BOX 13 AZ 120 TO 130			EL 80	TO 90						
12B125/045	12:12:58	CLR	85.0	120.0	-30	.12	1	4	125.3	89.1
BOX 15 AZ 140 TO 150			EL 80	TO 90						
11H015/556	12:34:26	CLR	35.0	40.0	-10	.12	1	4	144.4	84.2
BOX 17 AZ 160 TO 170			EL 80	TO 90						
12B127/047	12:14:59	IR	85.0	120.0	-30	.12	1	4	162.3	89.2
BOX 18 AZ 170 TO 180			EL 80	TO 90						
12B150/065	12:12:39	CLR	85.0	120.0	-30	.12	1	4	176.8	87.1
BOX 19 AZ 180 TO 190			EL 80	TO 90						
12B152/067	12:14:39	IR	85.0	120.0	-30	.12	1	4	186.7	86.8
12B175/085	12:12:58	CLR	92.5	120.0	-30	.12	1	4	186.4	84.1
BOX 20 AZ 190 TO 200			EL 80	TO 90						
12B177/087	12:14:59	IR	92.5	120.0	-30	.12	1	4	191.0	83.7
BOX 28 AZ 270 TO 280			EL 80	TO 90						
11A099/014	13:24:00	SURV	15.0	35.0	-20	.12	1	5	279.4	88.2
11B091/040	12:39:09	CLR	280.0	285.0	-20	.12	1	3	270.4	85.0
11B092/040	12:40:09	IR	280.0	285.0	-20	.12	1	3	270.5	84.8
12B024/034	12:32:00	CLR	170.0	197.5	0	.12	1	4	279.2	86.8
12B025/034	12:36:00	IR	170.0	197.5	0	.12	1	4	277.5	85.9
12B026/034	12:40:00	SURV	170.0	197.5	0	.12	1	4	276.5	85.0
12B027/034	12:44:00	CLR	102.5	112.5	-30	.12	1	4	275.8	84.1
12B028/034	12:46:00	IR	102.5	112.5	-30	.12	1	4	275.6	83.7
12B029/034	12:48:00	SURV	102.5	112.5	-30	.12	1	4	275.4	83.2
12B031/034	13:00:00	SURV	305.0	330.0	-30	.12	1	5	274.8	80.5

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 28 AZ 270 TO 280 EL 80 TO 90										
12B069/039	12:59:59	CLR	197.5	315.0	0	.12	1	4	272.2	80.4
BOX 29 AZ 280 TO 290 EL 80 TO 90										
11A029/004	12:59:59	CLR	275.0	307.5	-20	.12	1	5	284.5	80.8
11B047/035	12:24:59	SURV	115.0	175.0	0	.12	1	4	283.9	88.3
12A027/004	12:47:59	SURV	310.0	335.0	-30	.12	1	5	288.9	83.4
12A028/004	12:49:59	SURV	277.5	285.0	-10	.12	1	4	288.0	82.9
12A073/010	12:45:00	CLR	305.0	310.0	-10	.12	1	4	288.0	83.8
12B022/034	12:24:00	IR	145.0	170.0	-30	.12	1	4	289.4	88.5
12B023/034	12:28:00	SURV	145.0	170.0	-30	.12	1	4	282.3	87.7
12I026/652	13:04:02	CLR	307.5	332.5	-30	.12	1	4	288.0	80.9
BOX 30 AZ 290 TO 300 EL 80 TO 90										
12A006/001	12:41:59	CLR	80.0	147.5	-20	.12	1	5	299.0	84.4
12A071/010	12:39:00	CLR	147.5	187.5	-20	.12	1	4	292.1	85.1
12I022/652	12:47:42	CLR	95.0	115.0	-20	.12	1	5	297.6	84.3
BOX 31 AZ 300 TO 310 EL 80 TO 90										
11A210/029	12:23:40	IR	275.0	277.5	-20	.12	1	4	307.6	88.6
12A005/001	12:35:59	SURV	305.0	310.0	-10	.12	1	4	306.7	85.6
12I021/652	12:43:46	CLR	147.5	175.0	-30	.12	1	4	302.1	85.1
BOX 32 AZ 310 TO 320 EL 80 TO 90										
12A035/005	12:29:59	IR	305.0	310.0	-10	.12	1	5	311.2	86.9
12B021/034	12:20:00	CLR	145.0	170.0	-30	.12	1	4	315.3	89.3
BOX 33 AZ 320 TO 330 EL 80 TO 90										
11A209/029	12:21:40	CLR	275.0	277.5	-20	.12	1	4	321.7	88.9
BOX 34 AZ 330 TO 340 EL 80 TO 90										
11B046/035	12:18:29	IR	115.0	175.0	0	.12	1	4	337.0	89.6
BOX 35 AZ 340 TO 350 EL 80 TO 90										
11A151/026	12:18:00	SURV	205.0	305.0	-30	.12	1	4	343.0	88.9
11A208/029	12:19:40	IR	300.0	302.5	-10	.12	1	4	344.6	89.1
BOX 45 AZ 80 TO 90 EL 70 TO 80										
12B079/040	11:29:59	SURV	305.0	310.0	-20	.12	1	4	88.1	79.4
12B080/040	11:31:29	IR	305.0	310.0	-20	.12	1	4	88.2	79.7
BOX 48 AZ 110 TO 120 EL 70 TO 80										
11G227/542	12:00:39	CLR	35.0	60.0	-10	.12	1	4	116.7	76.0
11G228/542	12:03:59	IR	35.0	40.0	-10	.12	1	4	118.5	76.7
BOX 53 AZ 160 TO 170 EL 70 TO 80										
11G030/474	12:59:59	CLR	240.0	242.5	10	.12	10	5	166.6	70.2

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 53	AZ 160 TO 170	EL 70 TO 80								
11G031/474	13:01:29	IR	240.0	242.5	10	.12	10	5	167.7	70.2
BOX 54	AZ 170 TO 180	EL 70 TO 80								
12G112/506	12:58:48	CLR	310.0	332.5	-30	.12	1	4	171.3	76.9
BOX 60	AZ 230 TO 240	EL 70 TO 80								
11B195/100	13:03:59	IR	175.0	195.0	-30	.12	1	4	239.2	74.5
BOX 61	AZ 240 TO 250	EL 70 TO 80								
11B170/080	13:03:39	IR	175.0	205.0	-30	.12	1	4	249.5	76.9
11B193/098	13:03:59	CLR	175.0	195.0	-30	.12	1	4	240.2	74.8
11H005/551	13:44:14	CLR	200.0	267.5	-30	.12	1	4	248.7	76.5
BOX 62	AZ 250 TO 260	EL 70 TO 80								
11B168/078	13:03:40	CLR	175.0	205.0	-30	.12	1	4	250.6	77.1
BOX 63	AZ 260 TO 270	EL 70 TO 80								
11B143/058	13:03:59	CLR	175.0	205.0	-30	.12	1	4	262.2	78.6
11B145/060	13:03:59	IR	175.0	205.0	-30	.12	1	4	261.0	78.5
12I101/727	13:29:59	CLR	285.0	310.0	-10	.12	1	4	266.6	72.7
BOX 64	AZ 270 TO 280	EL 70 TO 80								
11A095/013	13:23:59	SURV	15.0	35.0	-20	.12	1	5	279.6	75.2
12B032/034	13:04:00	CLR	285.0	290.0	-20	.12	1	4	274.8	79.6
12B033/034	13:05:30	IR	285.0	290.0	-20	.12	1	4	274.7	79.3
12B034/034	13:07:00	SURV	285.0	290.0	-20	.12	1	4	274.7	79.0
12B070/039	13:11:59	IR	197.5	315.0	0	.12	1	4	272.7	77.7
12B071/039	13:23:59	SURV	197.5	315.0	0	.12	1	4	273.2	75.0
12I068/690	13:29:59	CLR	285.0	310.0	-10	.12	1	4	278.3	74.1
BOX 80	AZ 70 TO 80	EL 60 TO 70								
11I049/672	10:29:59	CLR	35.0	60.0	-10	.12	1	4	79.5	64.8
12A004/001	10:36:27	SURV	132.5	150.0	-30	.12	1	4	78.5	66.6
BOX 81	AZ 80 TO 90	EL 60 TO 70								
11I082/709	10:29:59	CLR	35.0	60.0	-10	.12	1	4	85.1	65.9
12A160/027	10:42:00	CLR	285.0	290.0	-20	.12	1	4	83.3	68.9
BOX 82	AZ 90 TO 100	EL 60 TO 70								
11H000/550	11:11:58	IR	35.0	40.0	-10	.12	1	4	99.4	66.6
11H050/576	10:57:41	CLR	35.0	60.0	-10	.12	1	4	90.4	66.1
11I115/746	10:30:00	CLR	35.0	60.0	-10	.12	1	4	96.8	66.3
12G254/550	11:01:58	CLR	105.0	115.0	-30	.12	1	4	97.8	64.4
12G255/550	11:06:58	IR	105.0	115.0	-30	.12	1	4	98.6	65.5
BOX 83	AZ 100 TO 110	EL 60 TO 70								

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 83 AZ 100 TO 110			EL 60	TO 70						
11H001/550	11:16:58	CLR	35.0	40.0	-10	.12	1	4	100.4	67.8
12B191/096	10:29:59	CLR	285.0	300.0	-10	.12	1	5	104.7	66.0
BOX 84 AZ 110 TO 120			EL 60	TO 70						
11I148/783	10:30:00	CLR	35.0	60.0	-10	.12	1	4	113.0	65.1
BOX 85 AZ 120 TO 130			EL 60	TO 70						
11G110/506	11:58:29	IR	35.0	40.0	-10	.12	1	4	126.3	69.4
11G111/506	11:59:59	CLR	35.0	60.0	-10	.12	1	4	127.0	69.7
11I182/820	10:29:59	CLR	35.0	60.0	-10	.12	1	4	129.0	61.1
BOX 88 AZ 150 TO 160			EL 60	TO 70						
12F199/441	12:46:59	CLR	305.0	310.0	-10	.12	1	4	158.5	61.8
BOX 89 AZ 160 TO 170			EL 60	TO 70						
11F237/469	12:58:56	CLR	35.0	40.0	-10	.12	1	4	165.4	69.0
11F238/469	13:00:56	IR	35.0	40.0	-10	.12	1	4	166.8	69.1
11G007/470	12:58:58	CLR	35.0	40.0	-10	.12	1	4	165.5	69.2
11G008/470	13:00:58	IR	35.0	40.0	-10	.12	1	4	166.9	69.3
12F200/441	12:56:58	IR	305.0	310.0	-10	.12	1	4	163.4	62.5
BOX 90 AZ 170 TO 180			EL 60	TO 70						
11F239/469	13:18:56	CLR	205.0	225.0	-30	.12	1	4	179.2	69.6
11G009/470	13:18:58	CLR	205.0	225.0	-30	.12	1	4	179.4	69.8
12F179/434	13:19:00	CLR	305.0	310.0	-10	.12	1	4	174.6	61.9
12F202/441	13:11:58	IR	90.0	125.0	-30	.12	1	4	171.3	63.3
BOX 91 AZ 180 TO 190			EL 60	TO 70						
11C048/183	12:00:00	CLR	112.5	172.5	-10	.12	1	3	180.2	62.9
11C049/183	12:10:00	IR	112.5	172.5	-10	.12	1	3	185.5	62.8
11F240/469	13:23:56	IR	205.0	225.0	-30	.12	1	4	182.6	69.6
11G010/470	13:23:58	IR	205.0	225.0	-30	.12	1	4	182.9	69.8
BOX 93 AZ 200 TO 210			EL 60	TO 70						
12F203/441	14:26:09	CLR	80.0	150.0	-30	.12	1	4	209.4	60.1
BOX 94 AZ 210 TO 220			EL 60	TO 70						
12C003/175	13:00:00	CLR	150.0	227.5	-20	.12	1	3	211.6	61.1
12C012/178	12:59:59	CLR	280.0	305.0	-10	.12	1	3	210.9	60.4
12C019/179	12:59:59	CLR	80.0	150.0	-30	.12	1	3	210.6	60.2
BOX 96 AZ 230 TO 240			EL 60	TO 70						
12G081/488	14:29:54	CLR	285.0	310.0	-10	.12	1	4	230.3	65.6
12I167/801	13:29:59	CLR	285.0	310.0	-10	.12	1	4	236.9	64.6
BOX 97 AZ 240 TO 250			EL 60	TO 70						

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 97 AZ 240 TO 250 EL 60 TO 70										
11G153/511	14:40:53	CLR	40.0	42.5	10	.12	5	5	245.5	64.6
11G154/511	14:41:53	IR	40.0	42.5	10	.12	1	5	245.8	64.4
BOX 98 AZ 250 TO 260 EL 60 TO 70										
12G197/527	14:42:28	CLR	285.0	295.0	-10	.12	1	3	253.3	64.3
12G198/527	14:44:28	IR	285.0	295.0	-10	.12	1	3	253.7	63.9
12G199/527	14:46:28	CLR	285.0	295.0	-10	.12	1	4	254.1	63.5
12G200/527	14:48:28	IR	285.0	295.0	-10	.12	1	4	254.6	63.0
12G229/542	14:43:39	CLR	137.5	167.5	-30	.12	1	4	259.8	63.8
12I134/764	13:29:59	CLR	285.0	310.0	-10	.12	1	4	251.3	69.7
BOX 99 AZ 260 TO 270 EL 60 TO 70										
11I125/762	14:06:56	CLR	175.0	195.0	-20	.12	1	4	260.0	61.9
12G230/542	14:48:39	IR	137.5	167.5	-30	.12	1	4	260.6	62.7
12G231/542	14:53:39	CLR	155.0	165.0	-30	.12	1	4	261.4	61.5
12G232/542	14:55:39	IR	155.0	165.0	-30	.12	1	4	261.7	61.1
12G233/542	14:58:39	CLR	117.5	125.0	-30	.12	1	4	262.2	60.4
BOX 100 AZ 270 TO 280 EL 60 TO 70										
11B094/040	13:50:09	SURV	220.0	270.0	-50	.04	1	4	274.2	69.0
12A244/031	13:54:59	CLR	102.5	112.5	-30	.12	1	4	276.4	68.3
12A245/031	13:56:59	IR	102.5	112.5	-30	.12	1	4	276.5	67.8
12A246/031	13:58:59	SURV	102.5	112.5	-30	.12	1	4	276.5	67.4
12A247/031	14:00:59	CLR	285.0	290.0	-20	.12	1	4	276.6	67.0
12A248/031	14:02:59	IR	285.0	290.0	-20	.12	1	4	276.7	66.5
12A249/031	14:04:59	SURV	285.0	290.0	-20	.12	1	4	276.7	66.1
12B049/035	14:20:13	SURV	45.0	95.0	-50	.04	1	4	276.6	62.5
12B066/038	14:01:15	SURV	90.0	140.0	-50	.04	1	4	275.2	66.6
BOX 101 AZ 280 TO 290 EL 60 TO 70										
11A018/003	14:32:00	SURV	10.0	310.0	-10	.12	1	4	280.5	60.6
BOX 117 AZ 80 TO 90 EL 50 TO 60										
11B015/033	09:36:26	CLR	212.5	222.5	-30	.12	1	4	81.3	53.8
11H167/611	09:57:07	IR	35.0	40.0	-10	.12	1	4	80.7	55.1
11H168/611	09:59:07	CLR	35.0	40.0	-10	.12	1	4	80.8	55.6
12A106/017	10:00:27	SURV	32.5	57.5	-10	.12	1	4	80.5	59.6
12A145/026	10:00:27	SURV	282.5	307.5	-30	.12	1	4	81.7	59.7
12B038/035	09:36:27	SURV	132.5	150.0	-30	.12	1	4	81.6	53.8
12B141/057	09:36:29	CLR	280.0	310.0	-10	.12	1	5	85.6	54.2
BOX 118 AZ 90 TO 100 EL 50 TO 60										
12B166/076	09:59:59	CLR	280.0	310.0	-10	.12	1	5	92.5	59.6
12G251/550	10:41:58	CLR	177.5	215.0	0	.12	1	4	95.0	59.9
BOX 119 AZ 100 TO 110 EL 50 TO 60										
11G147/511	10:55:52	CLR	265.0	267.5	10	.12	5	5	106.6	57.6
11G148/511	10:56:52	IR	265.0	267.5	10	.12	1	5	106.8	57.8
BOX 121 AZ 120 TO 130 EL 50 TO 60										

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 121 AZ 120 TO 130 EL 50 TO 60										
11G028/474	11:29:59	CLR	200.0	202.5	10	.12	10	5	123.2	57.9
11G029/474	11:31:29	IR	200.0	202.5	10	.12	10	5	123.7	58.2
BOX 122 AZ 130 TO 140 EL 50 TO 60										
12F170/432	11:32:59	IR	305.0	310.0	-10	.12	1	4	132.2	50.2
BOX 123 AZ 140 TO 150 EL 50 TO 60										
12F134/423	12:04:34	CLR	285.0	312.5	-20	.12	1	4	143.4	53.2
BOX 124 AZ 150 TO 160 EL 50 TO 60										
12C029/182	11:00:00	CLR	315.0	330.0	-30	.12	1	4	150.4	59.6
BOX 126 AZ 170 TO 180 EL 50 TO 60										
11E254/390	13:30:59	CLR	255.0	257.5	0	.12	1	4	179.6	52.7
BOX 127 AZ 180 TO 190 EL 50 TO 60										
11E255/390	13:31:59	IR	255.0	257.5	0	.12	1	4	180.0	52.7
12C093/208	12:19:59	CLR	260.0	280.0	-10	.12	1	3	187.6	56.6
12C153/232	12:19:59	CLR	280.0	315.0	-20	.12	1	5	184.0	51.4
BOX 128 AZ 190 TO 200 EL 50 TO 60										
11F093/408	14:09:59	SURV	207.5	257.5	0	.12	1	4	195.8	55.2
12C094/208	12:29:59	IR	260.0	280.0	-10	.12	1	3	191.9	56.2
BOX 129 AZ 200 TO 210 EL 50 TO 60										
11C059/192	13:00:00	CLR	172.5	205.0	-30	.12	1	3	207.6	57.4
11F119/416	14:30:09	CLR	330.0	330.0	-20	.12	1	4	205.0	55.2
BOX 130 AZ 210 TO 220 EL 50 TO 60										
11C060/192	13:10:00	IR	172.5	205.0	-30	.12	1	3	211.5	56.3
12C005/175	13:20:00	IR	150.0	227.5	-20	.12	1	3	219.7	58.4
12C013/178	13:04:59	IR	280.0	305.0	-10	.12	1	3	213.0	59.8
12C020/179	13:09:59	IR	80.0	150.0	-30	.12	1	3	214.8	59.0
12C095/208	13:29:59	CLR	305.0	310.0	-10	.12	1	4	214.3	50.8
12C096/208	13:34:59	IR	305.0	310.0	-10	.12	1	4	215.9	50.1
BOX 131 AZ 220 TO 230 EL 50 TO 60										
12C006/175	13:30:00	CLR	305.0	310.0	-10	.12	1	4	223.3	56.9
12C007/175	13:35:00	IR	305.0	310.0	-10	.12	1	4	225.0	56.1
12C023/179	13:34:59	CLR	305.0	310.0	-10	.12	1	4	223.8	55.4
12C024/179	13:39:59	IR	305.0	310.0	-10	.12	1	4	225.4	54.6
12I201/838	13:30:00	CLR	285.0	310.0	-10	.12	1	4	224.9	58.0
BOX 132 AZ 230 TO 240 EL 50 TO 60										
11G032/474	15:00:00	CLR	310.0	312.5	10	.12	10	5	234.7	59.2
11G033/474	15:01:30	IR	310.0	312.5	10	.12	10	5	235.1	58.9

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 132 AZ 230 TO 240 EL 50 TO 60										
BOX 135 AZ 260 TO 270 EL 50 TO 60										
12G234/542	15:01:39	IR	117.5	125.0	-30	.12	1	4	262.6	59.8
BOX 137 AZ 280 TO 290 EL 50 TO 60										
12A008/001	14:44:59	CLR	305.0	310.0	-10	.12	1	5	281.7	57.5
BOX 152 AZ 70 TO 80 EL 40 TO 50										
11A117/020	08:46:27	CLR	212.5	220.0	-30	.12	1	4	77.7	43.3
11B018/034	09:04:27	CLR	212.5	222.5	-30	.12	1	4	79.9	46.7
12A026/004	09:00:27	SURV	132.5	150.0	-30	.12	1	4	77.3	45.9
12A092/013	09:06:27	SURV	132.5	150.0	-30	.12	1	4	78.1	47.5
12A113/019	08:48:27	SURV	32.5	57.5	-10	.12	1	4	77.7	43.8
BOX 154 AZ 90 TO 100 EL 40 TO 50										
11G144/511	09:45:52	CLR	255.0	257.5	10	.12	5	5	96.4	42.1
11G145/511	09:46:52	IR	255.0	257.5	10	.12	1	5	96.5	42.3
BOX 157 AZ 120 TO 130 EL 40 TO 50										
11C045/183	09:25:00	IR	35.0	40.0	-10	.12	1	4	121.7	44.3
11C046/183	09:30:00	CLR	35.0	40.0	-10	.12	1	4	122.8	45.3
11C069/197	09:34:59	IR	35.0	40.0	-10	.12	1	4	127.3	43.8
11C070/197	09:39:59	CLR	35.0	40.0	-10	.12	1	4	128.5	44.6
11C100/209	09:29:59	IR	35.0	40.0	-10	.12	1	4	128.7	40.6
11C101/209	09:34:59	CLR	35.0	40.0	-10	.12	1	4	129.8	41.5
11F131/422	11:04:10	CLR	35.0	40.0	-10	.12	1	4	127.0	43.4
11F161/432	11:14:59	CLR	35.0	40.0	-10	.12	1	4	127.6	47.1
11F162/432	11:16:59	IR	35.0	40.0	-10	.12	1	4	128.1	47.4
11F163/432	11:18:59	CLR	52.5	60.0	-10	.12	1	4	128.6	47.8
11F164/432	11:20:59	IR	52.5	60.0	-10	.12	1	4	129.1	48.1
12F165/432	11:22:59	CLR	272.5	280.0	-10	.12	1	4	129.6	48.5
BOX 158 AZ 130 TO 140 EL 40 TO 50										
11C063/196	10:00:00	CLR	10.0	82.5	-10	.12	1	3	133.2	48.2
11C064/196	10:10:00	IR	10.0	82.5	-10	.12	1	3	135.9	49.9
11E250/390	11:11:59	IR	35.0	40.0	-10	.12	1	2	135.1	40.0
11E251/390	11:13:59	CLR	35.0	40.0	-10	.12	1	2	135.6	40.3
11E252/390	11:15:59	CLR	212.5	215.0	0	.12	1	4	136.0	40.6
11E253/390	11:16:59	IR	212.5	215.0	0	.12	1	4	136.3	40.8
12F089/408	11:09:59	CLR	285.0	295.0	-10	.12	1	4	131.1	42.2
12F090/408	11:12:59	IR	285.0	295.0	-10	.12	1	4	131.8	42.7
12F091/408	11:15:59	CLR	285.0	295.0	-10	.12	1	3	132.5	43.2
12F092/408	11:18:59	IR	285.0	295.0	-10	.12	1	3	133.2	43.7
12F166/432	11:24:59	IR	272.5	280.0	-10	.12	1	4	130.1	48.8
12F167/432	11:26:59	CLR	285.0	292.5	-10	.12	1	4	130.6	49.2
12F168/432	11:28:59	IR	285.0	292.5	-10	.12	1	4	131.1	49.5
12F169/432	11:30:59	CLR	305.0	310.0	-10	.12	1	4	131.7	49.9
BOX 159 AZ 140 TO 150 EL 40 TO 50										
12E140/369	11:34:28	CLR	285.0	295.0	-10	.12	1	2	144.6	40.8
12E141/369	11:36:28	CLR	285.0	295.0	-10	.12	5	2	145.2	41.1
12E142/369	11:38:28	IR	285.0	295.0	-10	.12	1	2	145.7	41.3

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 159 AZ 140 TO 150 EL 40 TO 50										
12E143/369	11:40:28	IR	285.0	295.0	-10	.12	5	2	146.2	41.6
BOX 160 AZ 150 TO 160 EL 40 TO 50										
11D240/328	11:56:59	CLR	210.0	212.5	0	.12	1	4	158.8	40.7
11D241/328	11:57:59	IR	210.0	212.5	0	.12	1	4	159.1	40.8
11D242/328	11:58:59	SURV	210.0	212.5	0	.12	1	3	159.3	40.9
12C163/239	11:10:00	CLR	280.0	315.0	-20	.12	1	4	158.5	47.4
12C229/268	10:59:59	CLR	280.0	315.0	-20	.12	1	4	153.7	40.8
12C230/268	11:03:59	IR	285.0	312.5	-20	.12	1	4	154.7	41.2
12D211/324	11:51:59	CLR	280.0	322.5	-20	.12	1	4	158.2	40.3
12E018/339	12:00:00	CLR	280.0	315.0	-20	.12	1	3	157.4	41.3
12J005/921	11:14:58	CLR	280.0	310.0	-20	.12	1	4	159.3	45.0
BOX 161 AZ 160 TO 170 EL 40 TO 50										
11C236/269	11:41:58	CLR	210.0	210.0	-20	.12	1	4	165.5	43.9
12D038/282	11:44:59	CLR	280.0	315.0	-20	.12	1	4	164.3	42.3
12D127/302	11:55:32	CLR	182.5	272.5	10	.12	1	4	163.6	41.2
12D136/303	11:49:59	CLR	280.0	315.0	-20	.12	1	4	161.9	40.8
BOX 162 AZ 170 TO 180 EL 40 TO 50										
11D040/282	12:19:59	CLR	35.0	40.0	-10	.12	1	3	174.8	43.8
11E074/349	12:59:59	CLR	137.5	207.5	-30	.12	1	3	173.4	45.6
11E075/349	13:09:59	IR	140.0	207.5	-30	.12	1	3	176.7	45.8
12E016/338	13:05:00	SURV	152.5	162.5	-30	.12	1	4	177.0	44.6
BOX 163 AZ 180 TO 190 EL 40 TO 50										
11D110/301	13:01:17	SURV	37.5	210.0	-10	.12	1	3	183.3	42.9
11D128/302	13:00:00	CLR	155.0	280.0	-30	.12	1	4	182.7	42.9
11J006/921	12:34:58	CLR	205.0	265.0	-30	.12	1	4	185.6	47.4
12C237/269	12:41:59	CLR	35.0	35.0	-20	.12	1	4	184.4	45.1
BOX 164 AZ 190 TO 200 EL 40 TO 50										
11E066/348	13:59:59	SURV	220.0	220.0	-30	.12	1	3	192.8	44.7
BOX 165 AZ 200 TO 210 EL 40 TO 50										
11C238/269	13:41:59	CLR	210.0	210.0	-20	.12	1	4	202.5	41.9
BOX 166 AZ 210 TO 220 EL 40 TO 50										
11F000/390	15:15:59	CLR	290.0	292.5	0	.12	1	4	215.9	45.2
11F001/390	15:16:59	IR	290.0	292.5	0	.12	1	4	216.2	45.1
12C083/207	13:39:59	CLR	285.0	310.0	-20	.12	1	4	217.7	49.6
BOX 167 AZ 220 TO 230 EL 40 TO 50										
11C071/197	14:09:59	CLR	205.0	270.0	-30	.12	1	3	228.7	46.6
11C125/218	14:30:00	CLR	290.0	295.0	-20	.12	1	4	227.7	40.4
11E216/386	15:34:59	CLR	297.5	307.5	-20	.12	1	2	220.4	41.9
11E217/386	15:37:59	CLR	297.5	307.5	-20	.12	5	3	221.1	41.5
11E218/386	15:40:59	IR	297.5	307.5	-20	.12	1	2	221.8	41.0
11E219/386	15:43:59	IR	297.5	307.5	-20	.12	5	3	222.5	40.6

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 168 AZ 230 TO 240 EL 40 TO 50										
11C072/197	14:19:59	IR	205.0	270.0	-30	.12	1	3	231.1	44.9
12F157/431	16:14:59	CLR	157.5	165.0	-30	.12	1	4	238.7	41.4
BOX 171 AZ 260 TO 270 EL 40 TO 50										
11G155/511	16:15:53	CLR	340.0	342.5	10	.12	5	5	262.6	44.0
11G156/511	16:16:53	IR	340.0	342.5	10	.12	1	5	262.7	43.8
BOX 172 AZ 270 TO 280 EL 40 TO 50										
11H016/556	15:59:26	CLR	140.0	200.0	0	.12	1	4	272.5	46.2
12H051/576	15:55:35	CLR	12.5	80.0	0	.12	1	4	276.3	46.2
BOX 173 AZ 280 TO 290 EL 40 TO 50										
11A213/029	15:55:40	CLR	222.5	230.0	-30	.12	1	4	281.8	41.5
11A214/029	15:58:40	IR	222.5	230.0	-30	.12	1	4	281.9	40.9
11A215/029	16:01:40	CLR	300.0	302.5	-10	.12	1	4	282.1	40.2
11H175/611	16:09:54	CLR	222.5	225.0	-30	.12	1	4	282.0	41.7
11H176/611	16:12:55	IR	222.5	225.0	-30	.12	1	4	282.2	41.0
11H177/611	16:15:56	CLR	300.0	302.5	-10	.12	1	4	282.3	40.4
12A045/006	15:40:53	CLR	80.0	147.5	-20	.12	1	4	282.7	45.3
12A074/010	15:29:55	CLR	5.0	85.0	-10	.12	1	5	282.1	47.5
BOX 188 AZ 70 TO 80 EL 30 TO 40										
11A190/029	07:55:41	CLR	222.5	230.0	-30	.12	1	4	75.7	31.5
11A192/029	07:59:40	IR	222.5	230.0	-30	.12	1	4	75.9	32.4
11A193/029	08:03:40	CLR	185.0	187.5	-20	.12	1	4	76.1	33.2
11A194/029	08:05:40	IR	185.0	187.5	-20	.12	1	4	76.3	33.7
11A195/029	08:07:40	CLR	300.0	302.5	-10	.12	1	4	76.4	34.1
11A196/029	08:09:40	IR	300.0	302.5	-10	.12	1	4	76.5	34.5
11A197/029	08:11:40	CLR	35.0	40.0	-10	.12	1	4	76.6	35.0
11A198/029	08:13:40	IR	35.0	40.0	-10	.12	1	4	76.7	35.4
11A199/029	08:15:40	CLR	275.0	277.5	-20	.12	1	4	76.8	35.9
11A200/029	08:17:40	IR	275.0	277.5	-20	.12	1	4	76.9	36.3
11H162/611	08:09:36	CLR	222.5	225.0	-30	.12	1	4	75.4	31.4
11H163/611	08:13:36	IR	222.5	225.0	-30	.12	1	4	75.7	32.3
11H165/611	08:21:36	CLR	300.0	302.5	-10	.12	1	4	76.1	34.0
11H166/611	08:23:36	IR	300.0	302.5	-10	.12	1	4	76.2	34.5
12A012/002	08:00:27	SURV	132.5	150.0	-30	.12	1	4	74.2	32.8
BOX 191 AZ 100 TO 110 EL 30 TO 40										
11G026/474	09:57:59	CLR	182.5	185.0	10	.12	10	5	105.0	38.9
11G027/474	09:59:29	IR	182.5	185.0	10	.12	10	5	105.2	39.2
BOX 192 AZ 110 TO 120 EL 30 TO 40										
11C027/182	08:30:00	CLR	35.0	40.0	-10	.12	1	4	111.9	33.4
11C028/182	08:33:00	CLR	55.0	60.0	-10	.12	1	4	112.3	34.0
11C057/192	08:30:00	IR	35.0	40.0	-10	.12	1	4	114.3	32.0
11C058/192	08:35:00	CLR	35.0	40.0	-10	.12	1	4	115.1	33.0
11C061/196	08:30:00	IR	35.0	40.0	-10	.12	1	4	115.2	31.4
11C062/196	08:35:00	CLR	35.0	40.0	-10	.12	1	4	116.0	32.4
BOX 193 AZ 120 TO 130 EL 30 TO 40										
11E212/386	10:29:59	IR	35.0	40.0	-10	.12	1	2	127.5	32.4

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 193 AZ 120 TO 130 EL 30 TO 40										
11E213/386	10:31:59	CLR	35.0	40.0	-10	.12	1	2	127.8	32.8
11E246/390	10:16:00	CLR	195.0	197.5	0	.12	1	3	124.3	30.2
11E247/390	10:17:00	IR	195.0	197.5	0	.12	1	3	124.4	30.4
11F031/396	10:29:59	IR	35.0	40.0	-10	.12	1	3	125.4	33.4
11F032/396	10:31:59	CLR	35.0	40.0	-10	.12	1	3	125.8	33.8
BOX 194 AZ 130 TO 140 EL 30 TO 40										
11C182/246	09:59:59	CLR	35.0	40.0	-10	.12	1	4	139.5	37.7
11C234/269	09:41:58	CLR	210.0	210.0	-20	.12	1	3	136.0	30.4
11D012/276	09:53:59	IR	35.0	40.0	-10	.12	1	3	138.0	31.0
11D013/276	09:56:59	CLR	35.0	40.0	-10	.12	1	3	138.6	31.4
11D014/276	09:59:59	CLR	157.5	170.0	-10	.12	1	3	139.2	31.9
11D015/276	10:02:59	IR	157.5	170.0	-10	.12	1	3	139.8	32.3
11E123/366	10:59:55	CLR	162.5	245.0	10	.12	1	4	137.3	35.6
11E124/366	11:09:55	IR	162.5	245.0	10	.12	1	4	139.5	37.1
11E174/376	10:55:11	SURV	250.0	255.0	10	.12	1	3	134.3	35.7
11E175/376	11:00:11	CLR	207.5	257.5	10	.12	9	5	135.3	36.5
11E176/376	11:07:11	CLR	207.5	257.5	10	.12	1	3	136.8	37.6
11E177/376	11:15:11	IR	222.5	257.5	10	.12	1	3	138.6	38.8
12C143/222	09:31:40	CLR	82.5	127.5	10	.12	1	5	131.2	38.3
BOX 195 AZ 140 TO 150 EL 30 TO 40										
11D005/271	10:33:34	SURV	.0	330.0	-30	.12	1	3	146.8	37.3
11D135/303	10:40:38	SURV	207.5	335.0	-10	.12	1	3	144.8	33.7
11D237/328	10:36:59	CLR	210.0	212.5	0	.12	1	4	140.0	31.5
11D238/328	10:38:59	SURV	210.0	212.5	0	.12	1	3	140.4	31.8
11E178/376	11:22:11	IR	225.0	257.5	10	.12	9	5	140.2	39.8
12C199/258	10:17:49	CLR	37.5	77.5	10	.12	1	5	143.7	37.7
12C235/269	10:41:58	CLR	35.0	35.0	-20	.12	1	4	149.0	38.7
12D125/302	10:30:00	CLR	55.0	150.0	-30	.12	1	3	142.7	32.4
12D194/321	11:09:29	IR	285.0	295.0	-10	.12	1	4	148.2	36.0
12D195/321	11:11:19	CLR	285.0	295.0	-10	.12	1	4	148.6	36.2
12E117/364	11:29:54	SURV	305.0	305.0	-30	.12	1	3	144.5	39.7
BOX 196 AZ 150 TO 160 EL 30 TO 40										
11D023/280	10:50:35	CLR	247.5	267.5	10	.12	16	5	150.0	37.8
11D024/280	10:53:35	IR	252.5	272.5	10	.12	16	5	150.8	38.2
11D197/321	11:22:29	IR	235.0	275.0	10	.12	16	5	151.3	37.5
11D199/321	11:27:49	CLR	235.0	275:0	10	.12	16	5	152.6	38.1
BOX 201 AZ 200 TO 210 EL 30 TO 40										
11D062/288	14:09:59	CLR	232.5	237.5	-30	.12	1	3	205.6	39.0
11D063/288	14:14:59	IR	232.5	237.5	-30	.12	1	3	206.9	38.5
BOX 202 AZ 210 TO 220 EL 30 TO 40										
11D244/328	15:01:59	CLR	210.0	212.5	0	.12	1	4	211.7	36.6
11D245/328	15:02:59	IR	210.0	212.5	0	.12	1	4	212.0	36.5
11D246/328	15:03:59	SURV	210.0	212.5	0	.12	1	3	212.2	36.3
12C192/255	14:30:00	SURV	20.0	20.0	-10	.04	1	3	218.1	37.2
12C200/258	14:37:49	CLR	112.5	152.5	10	.12	1	5	219.1	36.0
12C239/269	14:41:59	CLR	35.0	35.0	-20	.12	1	4	217.4	35.1
BOX 203 AZ 220 TO 230 EL 30 TO 40										
11C126/218	14:34:31	IR	290.0	295.0	-20	.12	1	4	228.6	39.6

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 203 AZ 220 TO 230 EL 30 TO 40										
12C179/240	14:32:54	SURV	7.5	320.0	-10	.12	1	3	222.5	37.7
12C213/260	14:44:59	CLR	55.0	155.0	-30	.12	1	3	220.2	34.9
BOX 204 AZ 230 TO 240 EL 30 TO 40										
11C084/207	15:10:04	CLR	117.5	230.0	-10	.12	1	4	238.4	34.4
11C097/208	14:44:59	CLR	270.0	280.0	-20	.12	1	3	233.5	39.0
11C098/208	14:49:59	IR	270.0	280.0	-20	.12	1	3	234.5	38.1
11F002/390	16:20:59	CLR	307.5	310.0	0	.12	1	4	231.0	35.1
11F003/390	16:21:59	IR	307.5	310.0	0	.12	1	4	231.2	35.0
11F100/408	16:09:59	SURV	270.0	285.0	0	.12	1	4	232.1	39.6
12C118/211	15:02:04	CLR	115.0	170.0	10	.12	1	5	236.0	35.5
12C119/211	15:08:05	IR	115.0	170.0	10	.12	1	5	237.0	34.4
12C144/222	14:56:50	CLR	120.0	165.0	10	.12	1	5	232.1	35.3
12E222/386	16:39:18	CLR	117.5	165.0	10	.12	9	5	233.7	31.3
BOX 205 AZ 240 TO 250 EL 30 TO 40										
12F158/431	16:22:27	IR	157.5	165.0	-30	.12	1	4	240.1	39.9
BOX 206 AZ 250 TO 260 EL 30 TO 40										
11G034/474	17:00:00	CLR	335.0	337.5	10	.12	10	5	257.8	34.3
11G035/474	17:01:30	IR	335.0	337.5	10	.12	5	5	257.9	34.0
BOX 208 AZ 270 TO 280 EL 30 TO 40										
12B147/062	16:27:59	CLR	185.0	215.0	10	.12	1	5	279.9	32.6
12B172/082	16:27:40	CLR	185.0	215.0	10	.12	1	5	276.8	31.2
BOX 209 AZ 280 TO 290 EL 30 TO 40										
11A216/029	16:03:40	IR	300.0	302.5	-10	.12	1	4	282.2	39.8
11A217/029	16:27:40	CLR	222.5	230.0	-30	.12	1	4	283.5	34.5
11A218/029	16:30:40	IR	222.5	230.0	-30	.12	1	4	283.7	33.8
11A219/029	16:33:40	CLR	185.0	187.5	-20	.12	1	4	283.8	33.2
11A220/029	16:35:40	IR	185.0	187.5	-20	.12	1	4	284.0	32.8
11A221/029	16:37:40	CLR	300.0	302.5	-10	.12	1	4	284.1	32.3
11A222/029	16:39:40	IR	300.0	302.5	-10	.12	1	4	284.2	31.9
11A223/029	16:41:40	CLR	275.0	277.5	-20	.12	1	4	284.3	31.4
11A224/029	16:43:40	IR	275.0	277.5	-20	.12	1	4	284.4	31.0
11H178/611	16:17:57	IR	300.0	302.5	-10	.12	1	4	282.4	39.9
12A002/000	16:19:04	SURV	10.0	310.0	-10	.12	1	4	285.2	37.0
12B105/041	16:02:09	CLR	290.0	295.0	-20	.12	1	3	280.9	39.5
12B107/041	16:06:09	CLR	285.0	305.0	-20	.12	1	3	281.1	38.7
12I039/653	16:21:13	SURV	10.0	310.0	-10	.12	1	4	284.8	37.6
BOX 224 AZ 70 TO 80 EL 20 TO 30										
11A038/006	07:18:00	CLR	15.0	40.0	-10	.12	1	5	71.8	23.8
11A057/008	07:20:57	SURV	7.5	37.5	-20	.12	1	4	72.1	24.5
11A091/013	07:29:59	IR	35.0	40.0	-10	.12	1	4	73.0	26.6
11A105/017	07:29:59	SURV	215.0	230.0	0	.12	1	4	73.2	26.7
BOX 225 AZ 80 TO 90 EL 20 TO 30										
11G140/511	08:40:52	CLR	250.0	252.5	10	.12	1	5	89.8	27.5
11G141/511	08:41:52	IR	250.0	252.5	10	.12	1	5	89.9	27.7

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 226 AZ 90 TO 100 EL 20 TO 30										
11F246/470	08:50:44	CLR	227.5	267.5	10	.12	13	5	97.7	23.4
11F247/470	08:55:29	IR	257.5	262.5	10	.12	9	5	98.2	24.4
11G002/470	09:05:29	CLR	227.5	267.5	10	.12	13	5	99.3	26.7
11G023/474	08:57:59	CLR	177.5	180.0	10	.12	1	5	97.7	25.6
11G024/474	08:59:29	IR	177.5	180.0	10	.12	1	5	97.9	26.0
BOX 228 AZ 110 TO 120 EL 20 TO 30										
12C065/197	07:59:59	CLR	247.5	260.0	-10	.12	1	3	111.2	25.0
12C066/197	08:04:59	IR	247.5	260.0	-10	.12	1	3	111.9	26.1
BOX 229 AZ 120 TO 130 EL 20 TO 30										
11E072/349	09:59:59	IR	35.0	40.0	-10	.12	1	2	129.6	25.2
11E120/366	09:59:54	IR	35.0	40.0	-10	.12	1	2	126.4	25.5
11E121/366	10:03:54	CLR	35.0	40.0	-10	.12	1	2	127.0	26.3
11E136/369	09:59:58	CLR	35.0	40.0	-10	.12	1	2	125.8	25.7
11E137/369	10:04:58	IR	35.0	40.0	-10	.12	1	2	126.6	26.6
11E157/372	09:59:59	CLR	35.0	40.0	-10	.12	1	2	125.2	25.8
11E171/376	09:59:59	CLR	35.0	40.0	-10	.12	1	2	124.4	26.0
11E172/376	10:04:59	IR	35.0	40.0	-10	.12	1	2	125.2	27.0
12C233/269	08:41:58	CLR	35.0	35.0	-20	.12	1	3	126.2	20.2
BOX 230 AZ 130 TO 140 EL 20 TO 30										
11D209/324	09:58:15	CLR	42.5	60.0	-20	.12	1	4	133.6	25.7
11D232/328	09:49:59	CLR	210.0	212.5	0	.12	1	3	131.6	24.1
11D233/328	09:50:59	IR	210.0	212.5	0	.12	1	3	131.8	24.2
11D234/328	09:51:59	SURV	210.0	212.5	0	.12	1	3	131.9	24.4
11E073/349	10:03:59	CLR	35.0	40.0	-10	.12	1	2	130.2	25.9
12D210/324	10:00:35	CLR	285.0	302.5	-20	.12	1	4	134.0	26.1
BOX 239 AZ 220 TO 230 EL 20 TO 30										
11D248/328	16:11:59	CLR	210.0	212.5	0	.12	1	3	225.8	26.7
11D249/328	16:12:59	IR	210.0	212.5	0	.12	1	3	226.0	26.5
11D250/328	16:13:59	SURV	210.0	212.5	0	.12	1	3	226.2	26.3
12E030/342	16:20:00	CLR	70.0	115.0	-10	.12	1	2	226.9	27.5
12E031/342	16:25:00	IR	70.0	115.0	-10	.12	1	2	227.7	26.7
12E032/342	16:30:00	CLR	305.0	310.0	-10	.12	1	4	228.6	25.9
12E033/342	16:33:00	IR	305.0	310.0	-10	.12	1	4	229.1	25.4
BOX 240 AZ 230 TO 240 EL 20 TO 30										
11C240/269	16:13:59	CLR	210.0	210.0	-20	.12	1	2	233.7	20.3
12E223/386	16:47:18	CLR	100.0	165.0	10	.12	1	3	235.1	29.8
BOX 241 AZ 240 TO 250 EL 20 TO 30										
11F005/390	17:15:59	CLR	317.5	320.0	0	.12	1	3	240.1	24.9
11F006/390	17:16:59	IR	317.5	320.0	0	.12	1	3	240.3	24.7
12F125/419	17:20:04	CLR	35.0	35.0	-10	.12	1	4	246.4	27.2
BOX 243 AZ 260 TO 270 EL 20 TO 30										
11G037/474	18:00:00	CLR	340.0	342.5	10	.12	1	5	264.4	20.9
11G038/474	18:01:30	IR	340.0	342.5	10	.12	1	5	264.6	20.6

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 244 AZ 270 TO 280 EL 20 TO 30										
12B198/102	16:27:59	CLR	187.5	207.5	10	.12	1	5	273.3	29.4
BOX 245 AZ 280 TO 290 EL 20 TO 30										
11A225/029	17:26:41	CLR	222.5	230.0	-30	.12	1	4	287.1	21.7
11A227/029	17:30:40	IR	222.5	230.0	-30	.12	1	4	287.3	20.8
11A228/029	17:33:40	CLR	185.0	187.5	-20	.12	1	4	287.5	20.2
11H180/611	17:41:02	CLR	222.5	225.0	-30	.12	1	4	287.2	21.8
11H181/611	17:45:02	IR	222.5	225.0	-30	.12	1	4	287.5	21.0
11I059/688	16:58:01	CLR	175.0	195.0	-20	.12	1	4	285.8	28.3
BOX 259 AZ 60 TO 70 EL 10 TO 20										
11H242/642	06:24:55	SURV	182.5	190.0	-50	.04	1	4	67.5	10.7
BOX 260 AZ 70 TO 80 EL 10 TO 20										
11A096/014	06:56:20	SURV	15.0	35.0	-20	.12	1	3	70.9	19.5
BOX 261 AZ 80 TO 90 EL 10 TO 20										
11G137/511	07:35:52	CLR	242.5	245.0	10	.12	1	4	84.1	12.9
11G138/511	07:36:52	IR	242.5	245.0	10	.12	1	4	84.1	13.1
BOX 262 AZ 90 TO 100 EL 10 TO 20										
11G020/474	07:57:59	CLR	167.5	170.0	10	.12	1	4	91.8	12.2
11G021/474	07:59:29	IR	167.5	170.0	10	.12	1	4	91.9	12.5
BOX 264 AZ 110 TO 120 EL 10 TO 20										
11E244/390	09:16:00	CLR	192.5	195.0	0	.12	1	3	115.6	18.5
11E245/390	09:17:00	IR	192.5	195.0	0	.12	1	3	115.8	18.7
BOX 265 AZ 120 TO 130 EL 10 TO 20										
11D141/304	08:29:59	CLR	35.0	40.0	-10	.12	1	3	123.5	12.2
11D230/328	08:54:59	CLR	210.0	212.5	0	.12	1	3	123.9	14.3
11D231/328	08:56:59	SURV	210.0	212.5	0	.12	1	3	124.1	14.6
12D206/324	08:31:59	CLR	155.0	237.5	10	.12	1	3	121.7	10.3
12D207/324	08:40:59	IR	155.0	237.5	10	.12	1	3	122.7	12.0
12E076/350	09:12:58	CLR	215.0	265.0	10	.12	1	1	122.7	16.6
BOX 276 AZ 230 TO 240 EL 10 TO 20										
11D252/328	16:51:59	CLR	210.0	212.5	0	.12	1	3	232.1	19.9
11D253/328	16:53:59	SURV	210.0	212.5	0	.12	1	3	232.4	19.5
11E067/348	17:43:38	CLR	182.5	182.5	10	.12	1	2	239.1	13.4
BOX 277 AZ 240 TO 250 EL 10 TO 20										
11F007/390	18:05:59	CLR	325.0	327.5	0	.12	1	2	246.6	14.8
11F008/390	18:06:59	IR	325.0	327.5	0	.12	1	2	246.7	14.6
11F042/396	18:23:26	CLR	190.0	190.0	10	.12	1	3	249.6	11.8

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 278 AZ 250 TO 260 EL 10 TO 20										
11F107/408	18:19:38	CLR	215.0	300.0	-20	.12	1	2	251.4	13.7
11F174/433	18:38:41	CLR	27.5	67.5	10	.12	7	5	258.8	11.3
12F136/423	18:17:17	CLR	310.0	310.0	-10	.12	1	3	254.3	15.4
BOX 280 AZ 270 TO 280 EL 10 TO 20										
12G158/511	18:15:53	CLR	175.0	177.5	10	.12	1	5	274.3	17.0
12G159/511	18:16:53	IR	175.0	177.5	10	.12	1	4	274.4	16.8
BOX 281 AZ 280 TO 290 EL 10 TO 20										
11A229/029	17:35:40	IR	185.0	187.5	-20	.12	1	4	287.7	19.8
11A230/029	17:37:40	CLR	300.0	302.5	-10	.12	1	4	287.8	19.3
11A231/029	17:39:40	IR	300.0	302.5	-10	.12	1	4	288.0	18.9
11A232/029	17:41:40	CLR	275.0	277.5	-20	.12	1	4	288.1	18.5
11A233/029	17:43:40	IR	275.0	277.5	-20	.12	1	4	288.2	18.0
11H182/611	17:52:02	CLR	300.0	302.5	-10	.12	1	4	288.0	19.5
11H183/611	17:54:02	IR	300.0	302.5	-10	.12	1	4	288.1	19.0
BOX 282 AZ 290 TO 300 EL 10 TO 20										
11I003/651	18:22:37	CLR	150.0	202.5	-20	.12	1	3	292.1	11.7
BOX 295 AZ 60 TO 70 EL -0 TO 10										
11H069/579	05:29:05	CLR	185.0	185.0	10	.12	1	5	65.2	.0
11I062/690	05:12:00	CLR	182.5	182.5	10	.12	1	4	62.8	.0
11I095/727	05:12:00	CLR	187.5	187.5	10	.12	1	5	66.4	.0
BOX 296 AZ 70 TO 80 EL -0 TO 10										
11G186/526	05:43:08	CLR	190.0	190.0	10	.12	1	2	71.7	.0
11G187/526	06:09:13	CLR	192.5	192.5	10	.12	1	4	74.3	.0
BOX 297 AZ 80 TO 90 EL -0 TO 10										
11G019/474	06:42:46	CLR	205.0	205.0	10	.12	1	4	84.9	.0
11G076/488	06:28:33	CLR	200.0	200.0	10	.12	1	4	81.3	.0
BOX 297 AZ 80 TO 90 EL 0 TO 10										
11G130/511	06:50:52	CLR	240.0	242.5	10	.12	1	3	80.1	2.8
11G131/511	06:51:52	IR	240.0	242.5	10	.12	1	3	80.2	3.1
BOX 299 AZ 100 TO 110 EL 0 TO 10										
11E224/387	07:57:19	SURV	.0	300.0	10	.12	1	0	107.7	1.9
11E240/390	08:11:00	CLR	187.5	190.0	0	.12	1	1	108.5	4.9
11E241/390	08:12:00	IR	187.5	190.0	0	.12	1	1	108.6	5.2
BOX 299 AZ 100 TO 110 EL -0 TO 10										
12E156/372	07:25:59	CLR	52.5	52.5	10	.12	1	2	107.7	.0
BOX 299 AZ 100 TO 110 EL 0 TO 10										

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COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 299 AZ 100 TO 110 EL 0 TO 10										
12E188/379	07:50:19	CLR	25.0	157.5	10	.12	1	1	108.6	.0
12E189/379	08:03:01	CLR	25.0	157.5	10	.12	1	2	109.8	2.7
BOX 299 AZ 100 TO 110 EL -0 TO 10										
12F026/396	07:18:26	CLR	225.0	225.0	10	.12	1	0	102.5	.0
BOX 299 AZ 100 TO 110 EL 0 TO 10										
12F027/396	07:48:26	CLR	227.5	227.5	10	.12	1	2	105.1	.4
12F028/396	08:18:26	CLR	230.0	230.0	10	.12	1	3	108.0	6.9
BOX 299 AZ 100 TO 110 EL -0 TO 10										
12F063/402	07:18:59	CLR	45.0	45.0	10	.12	1	4	101.3	.0
12F073/403	07:13:18	CLR	27.5	250.0	10	.12	1	2	100.6	.0
BOX 300 AZ 110 TO 120 EL 0 TO 10										
11C232/269	07:41:58	CLR	210.0	210.0	-20	.12	1	2	118.8	8.8
11D227/328	08:06:59	CLR	210.0	212.5	0	.12	1	2	118.5	5.0
11D228/328	08:07:59	IR	210.0	212.5	0	.12	1	2	118.6	5.2
11D229/328	08:08:59	SURV	210.0	212.5	0	.12	1	2	118.7	5.4
11E242/390	08:31:00	CLR	190.0	192.5	0	.12	1	2	110.5	9.2
11E243/390	08:32:00	IR	190.0	192.5	0	.12	1	2	110.6	9.4
12E034/343	08:17:00	CLR	230.0	295.0	10	.12	1	3	117.4	5.9
12E035/343	08:24:54	IR	230.0	295.0	10	.12	1	3	118.2	7.5
12E036/343	08:32:48	CLR	230.0	295.0	10	.12	1	3	119.1	9.1
12E128/367	08:11:09	CLR	210.0	270.0	10	.12	1	0	112.8	4.2
12E129/367	08:22:35	CLR	210.0	270.0	10	.12	1	1	113.9	6.6
12E130/367	08:34:01	CLR	210.0	270.0	10	.12	1	1	115.1	8.9
12E190/379	08:15:43	CLR	25.0	157.5	10	.12	1	3	111.0	5.4
BOX 301 AZ 120 TO 130 EL 0 TO 10										
12D218/325	08:25:17	CLR	232.5	250.0	10	.12	1	4	120.8	8.9
BOX 312 AZ 230 TO 240 EL 0 TO 10										
11D254/328	17:46:59	CLR	210.0	212.5	0	.12	1	2	239.0	9.6
11D255/328	17:47:59	IR	210.0	212.5	0	.12	1	2	239.1	9.4
11E000/328	17:48:59	SURV	210.0	212.5	0	.12	1	2	239.2	9.3
BOX 313 AZ 240 TO 250 EL 0 TO 10										
11E068/348	18:43:38	CLR	185.0	185.0	10	.12	1	1	245.5	1.5
12C169/239	17:41:10	CLR	195.0	195.0	10	.12	1	4	249.9	2.1
12D068/289	18:04:17	CLR	187.5	187.5	10	.12	1	4	243.3	.8
12E025/340	18:44:59	CLR	187.5	187.5	10	.12	1	2	245.2	.0
12E163/372	19:03:29	CLR	192.5	192.5	10	.12	1	2	249.8	.6
BOX 314 AZ 250 TO 260 EL 0 TO 10										
11F043/396	18:53:26	CLR	192.5	192.5	10	.12	1	2	252.7	5.4
BOX 314 AZ 250 TO 260 EL -0 TO 10										

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 314 AZ 250 TO 260 EL -0 TO 10										
11F044/396	19:23:26	CLR	195.0	195.0	10	.12	1	0	255.5	.0
12E164/372	19:29:59	CLR	195.0	195.0	10	.12	1	1	252.2	.0
BOX 314 AZ 250 TO 260 EL 0 TO 10										
12E237/389	19:10:32	CLR	195.0	195.0	10	.12	1	3	253.1	1.1
12F069/402	19:15:59	CLR	200.0	200.0	10	.12	1	4	255.9	1.1
BOX 314 AZ 250 TO 260 EL -0 TO 10										
12F070/402	19:43:09	CLR	202.5	202.5	10	.12	1	2	258.4	.0
BOX 315 AZ 260 TO 270 EL 0 TO 10										
12C052/183	17:58:34	CLR	207.5	207.5	10	.12	1	5	264.5	.6
12F175/433	19:28:03	CLR	205.0	205.0	10	.12	1	4	263.5	.3
BOX 315 AZ 260 TO 270 EL -0 TO 10										
12F176/433	19:55:15	CLR	207.5	207.5	10	.12	1	2	266.0	.0
BOX 315 AZ 260 TO 270 EL 0 TO 10										
12I190/832	18:07:59	CLR	215.0	215.0	10	.12	1	4	269.8	.4
BOX 316 AZ 270 TO 280 EL 0 TO 10										
12I156/795	18:26:59	CLR	225.0	225.0	10	.12	1	4	279.1	.2
BOX 317 AZ 280 TO 290 EL 0 TO 10										
11G191/526	19:27:03	CLR	42.5	42.5	10	.12	1	4	283.6	.9
BOX 317 AZ 280 TO 290 EL -0 TO 10										
11G192/526	19:53:08	CLR	45.0	45.0	10	.12	1	2	286.0	.0
11H022/557	19:29:50	CLR	47.5	47.5	10	.12	1	4	289.3	.0
BOX 317 AZ 280 TO 290 EL 0 TO 10										
12I123/758	18:43:59	CLR	232.5	232.5	10	.12	1	4	286.7	.5
BOX 318 AZ 290 TO 300 EL 0 TO 10										
11A021/003	18:56:00	CLR	57.5	57.5	10	.12	1	5	295.4	4.0
BOX 318 AZ 290 TO 300 EL -0 TO 10										
11H023/557	19:55:55	CLR	50.0	50.0	10	.12	1	2	291.8	.0
11H193/614	19:42:18	CLR	212.5	262.5	10	.12	1	1	297.2	.0
BOX 318 AZ 290 TO 300 EL 0 TO 10										
12A239/030	18:47:59	CLR	130.0	190.0	-20	.12	1	1	293.1	4.4

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 318 AZ 290 TO 300			EL 0	TO 10						
12B114/041	19:04:59	CLR	237.5	237.5	10	.12	1	5	293.9	.2
12I057/684	19:11:59	CLR	242.5	242.5	10	.12	1	4	295.9	.2
BOX 318 AZ 290 TO 300			EL -0	TO 10						
12I058/684	19:49:59	CLR	245.0	245.0	10	.12	1	1	299.6	.0
BOX 318 AZ 290 TO 300			EL 0	TO 10						
12I090/721	19:00:59	CLR	237.5	237.5	10	.12	1	4	292.5	.2
BOX 318 AZ 290 TO 300			EL -0	TO 10						
12I091/721	19:38:59	CLR	242.5	242.5	10	.12	1	1	296.3	.0
BOX 331 AZ 60 TO 70			EL -10	TO 00						
11A182/029	04:57:40	CLR	182.5	182.5	10	.12	1	5	62.0	-6.0
BOX 332 AZ 70 TO 80			EL -10	TO 00						
11I128/764	05:11:59	CLR	192.5	192.5	10	.12	1	4	72.1	-4.6
11I161/801	05:11:58	CLR	200.0	200.0	10	.12	1	4	79.4	-6.4
BOX 333 AZ 80 TO 90			EL -10	TO 00						
11I195/838	05:11:59	CLR	210.0	210.0	10	.12	1	4	87.8	-9.0
BOX 334 AZ 90 TO 100			EL -10	TO 00						
11C089/208	05:30:23	CLR	220.0	220.0	10	.12	1	3	98.1	-9.0
BOX 335 AZ 100 TO 110			EL -10	TO 00						
11C090/208	05:51:53	CLR	220.0	220.0	10	.12	1	5	100.0	-4.2
12C174/240	06:11:35	CLR	52.5	52.5	10	.12	1	4	107.4	-4.7
12E126/367	07:28:52	CLR	215.0	265.0	10	.12	1	0	108.9	-4.7
12E127/367	07:39:20	CLR	215.0	265.0	10	.12	1	0	109.8	-2.5
12E232/389	07:25:32	CLR	47.5	47.5	10	.12	1	3	104.5	-4.9
12F009/391	07:17:36	CLR	25.0	157.5	10	.12	1	1	103.4	-6.6
12F010/391	07:30:18	CLR	25.0	157.5	10	.12	1	2	104.5	-3.8
BOX 336 AZ 110 TO 120			EL -10	TO 00						
11E021/340	07:19:59	CLR	232.5	232.5	10	.12	1	2	112.6	-5.5
12D072/290	06:28:13	CLR	57.5	57.5	10	.12	1	2	112.4	-9.8
12D073/290	06:54:43	CLR	60.0	60.0	10	.12	1	4	114.5	-4.4
BOX 349 AZ 240 TO 250			EL -10	TO 00						
11E069/348	19:03:38	CLR	187.5	187.5	10	.12	1	0	247.3	-2.7
11E070/348	19:20:29	CLR	187.5	187.5	10	.12	1	0	248.8	-6.2
12D069/289	18:30:47	CLR	190.0	190.0	10	.12	1	2	245.6	-4.6
12E026/340	19:10:59	CLR	190.0	190.0	10	.12	1	1	247.4	-5.4
12J000/920	17:54:35	CLR	192.5	192.5	10	.12	1	4	248.5	-.4

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 350 AZ 250 TO 260			EL -10	TO 00						
12C170/239	18:07:40	CLR	197.5	197.5	10	.12	1	2	252.3	-3.5
12C171/239	18:34:10	CLR	197.5	197.5	10	.12	1	0	254.5	-9.3
12E238/389	19:40:32	CLR	197.5	197.5	10	.12	1	1	255.8	-5.4
12J001/920	18:34:35	CLR	195.0	195.0	10	.12	1	3	252.0	-8.9
BOX 351 AZ 260 TO 270			EL -10	TO 00						
12C053/183	18:20:04	CLR	210.0	210.0	10	.12	1	3	266.4	-4.2
12C054/183	18:41:34	CLR	212.5	212.5	10	.12	1	1	268.4	-9.0
BOX 352 AZ 270 TO 280			EL -10	TO 00						
12I191/832	18:45:59	CLR	217.5	217.5	10	.12	1	1	273.3	-8.2
BOX 353 AZ 280 TO 290			EL -10	TO 00						
12I157/795	19:04:59	CLR	227.5	227.5	10	.12	1	1	282.7	-8.2
BOX 354 AZ 290 TO 300			EL -10	TO 00						
12A240/030	19:12:59	CLR	130.0	250.0	0	.12	1	5	295.3	-.7
12B115/041	19:31:59	CLR	240.0	240.0	10	.12	1	2	296.5	-5.3
12I124/758	19:21:59	CLR	235.0	235.0	10	.12	1	1	290.4	-7.6
BOX 366 AZ 50 TO 60			EL -20	TO -10						
11A181/029	04:30:40	CLR	177.5	177.5	10	.12	1	1	59.0	-11.0
11H067/579	04:36:55	CLR	180.0	180.0	10	.12	1	1	59.4	-15.0
11I061/690	04:34:00	CLR	180.0	180.0	10	.12	1	2	58.8	-10.0
BOX 367 AZ 60 TO 70			EL -20	TO -10						
11G185/526	05:17:03	CLR	190.0	190.0	10	.12	1	1	68.9	-15.0
11H068/579	05:03:00	CLR	182.5	132.5	10	.12	1	3	62.5	-10.0
11I094/727	04:34:00	CLR	182.5	182.5	10	.12	1	2	62.4	-11.0
11I127/764	04:33:59	CLR	190.0	190.0	10	.12	1	2	68.1	-12.0
BOX 368 AZ 70 TO 80			EL -20	TO -10						
11G017/474	05:50:36	CLR	200.0	200.0	10	.12	1	0	79.8	-16.0
11G074/488	05:36:23	CLR	195.0	195.0	10	.12	1	0	76.0	-17.0
11G075/488	06:02:28	CLR	197.5	197.5	10	.12	1	2	78.8	-11.0
11I160/801	04:33:58	CLR	197.5	197.5	10	.12	1	1	75.6	-14.0
BOX 369 AZ 80 TO 90			EL -20	TO -10						
11G018/474	06:16:41	CLR	202.5	202.5	10	.12	1	2	82.4	-10.0
11I194/838	04:33:59	CLR	207.5	207.5	10	.12	1	1	84.2	-17.0
BOX 370 AZ 90 TO 100			EL -20	TO -10						
11C088/208	05:08:53	CLR	217.5	217.5	10	.12	1	1	96.2	-13.0
12E230/389	06:25:32	CLR	42.5	42.5	10	.12	1	0	99.5	-18.0
12F061/402	06:24:39	CLR	40.0	40.0	10	.12	1	0	96.7	-17.0
12F062/402	06:51:49	CLR	42.5	42.5	10	.12	1	2	99.0	-11.0
12F072/403	06:52:42	CLR	27.5	250.0	10	.12	1	1	98.9	-11.0

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 371 AZ 100 TO 110			EL -20	TO -10						
11E019/340	06:27:59	CLR	227.5	227.5	10	.12	1	0	108.6	-16.0
12C172/240	05:18:35	CLR	47.5	47.5	10	.12	1	0	103.0	-16.0
12C173/240	05:45:05	CLR	50.0	50.0	10	.12	1	2	105.1	-10.0
12E154/372	06:32:59	CLR	47.5	47.5	10	.12	1	0	103.4	-16.0
12E155/372	06:59:29	CLR	50.0	50.0	10	.12	1	1	105.5	-11.0
12E231/389	06:55:32	CLR	45.0	45.0	10	.12	1	1	101.9	-11.0
BOX 372 AZ 110 TO 120			EL -20	TO -10						
11E020/340	06:53:59	CLR	230.0	230.0	10	.12	1	1	110.5	-11.0
12D071/290	06:01:43	CLR	55.0	55.0	10	.12	1	0	110.4	-15.0
BOX 385 AZ 240 TO 250			EL -20	TO -10						
12D070/289	18:57:17	CLR	192.5	192.5	10	.12	1	0	247.7	-10.0
12E027/340	19:36:59	CLR	192.5	192.5	10	.12	1	0	249.5	-10.0
BOX 386 AZ 250 TO 260			EL -20	TO -10						
12E165/372	19:56:29	CLR	197.5	197.5	10	.12	1	0	254.4	-10.0
12E239/389	20:10:31	CLR	200.0	200.0	10	.12	1	0	258.4	-12.0
12J002/920	19:14:35	CLR	197.5	197.5	10	.12	1	1	255.0	-17.0
BOX 387 AZ 260 TO 270			EL -20	TO -10						
12F071/402	20:10:19	CLR	205.0	205.0	10	.12	1	0	260.8	-10.0
12F177/433	20:22:27	CLR	210.0	210.0	10	.12	1	0	268.5	-11.0
BOX 389 AZ 280 TO 290			EL -20	TO -10						
11G193/526	20:19:13	CLR	50.0	50.0	10	.12	1	1	288.7	-10.0
BOX 390 AZ 290 TO 300			EL -20	TO -10						
11H024/557	20:22:00	CLR	55.0	55.0	10	.12	1	1	294.5	-11.0
12B116/041	19:58:59	CLR	242.5	242.5	10	.12	1	1	299.4	-10.0
BOX 423 AZ 260 TO 270			EL -30	TO -20						
11E201/383	21:08:51	SURV	.0	300.0	10	.12	1	0	261.9	-25.0
BOX 459 AZ 260 TO 270			EL -40	TO -30						
11E153/371	21:34:44	SURV	.0	300.0	10	.12	1	0	261.6	-32.0
BOX 495 AZ 260 TO 270			EL -50	TO -40						
12E064/347	22:22:22	CLR	230.0	295.0	10	.12	1	3	260.7	-45.0
BOX 502 AZ 330 TO 340			EL -50	TO -40						
11B006/032	23:16:05	SURV	230.0	235.0	20	.04	1	0	335.5	-40.0
BOX 515 AZ 100 TO 110			EL -60	TO -50						

VL-1
COLOR, IR AND SURVEY EVENTS
SORTED BY 10 DEGREE BOXES

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
BOX 515 AZ 100 TO 110			EL -60	TO -50						
11D156/309	03:19:04	SURV	207.5	335.0	-10	.12	1	3	102.0	-53.0
BOX 606 AZ 290 TO 300			EL -80	TO -70						
12F047/398	00:09:27	CLR	25.0	157.5	10	.12	1	1	298.3	-72.0
BOX 615 AZ 20 TO 30			EL -90	TO -80						
11E110/360	01:08:18	SURV	.0	300.0	10	.12	1	0	22.7	-88.0
BOX 616 AZ 30 TO 40			EL -90	TO -80						
12F025/396	01:34:22	CLR	25.0	157.5	10	.12	1	1	31.9	-80.0

VISUAL COLOR AND IR SINGLET CAMERA EVENTS

VL-1 Visual Color and IR Singlet Camera Events

VL-1
VISUAL COLOR AND INFRARED SINGLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11C130/221	12:59:42	BLU	40.0	60.0	0	.04	1	4	200.9	51.6
11C131/221	13:03:42	RED	40.0	60.0	0	.04	1	4	202.3	51.3
11C132/221	13:06:42	GRN	40.0	60.0	0	.04	1	4	203.3	51.0
11C133/221	13:09:59	BLU	197.5	220.0	-30	.04	1	4	204.5	50.7
11C134/221	13:12:59	RED	197.5	220.0	-30	.04	1	4	205.5	50.4
11C135/221	13:15:59	GRN	197.5	220.0	-30	.04	1	4	206.5	50.1
11C136/221	14:49:50	BLU	130.0	250.0	-10	.04	1	4	231.0	36.7
11C137/221	15:00:48	RED	130.0	250.0	-10	.04	1	4	233.1	34.7
11C138/221	15:11:46	GRN	130.0	250.0	-10	.04	1	4	235.1	32.7
12C196/258	08:44:00	BLU	167.5	250.0	10	.12	1	4	126.2	22.7
11C204/258	16:21:30	BLU	175.0	257.5	10	.12	1	4	236.9	18.5
11D004/271	10:26:02	RED	180.0	320.0	-10	.12	1	0	145.0	36.4
11D006/271	11:18:42	BLU	130.0	200.0	0	.04	1	3	158.5	42.0
11D007/271	11:25:43	GRN	130.0	200.0	0	.04	1	3	160.5	42.6
11D008/271	11:32:44	RED	130.0	200.0	0	.04	1	3	162.5	43.1
11D033/281	12:13:27	BLU	145.0	230.0	-20	.04	1	3	173.0	43.7
11D037/282	11:01:05	BLU	145.0	230.0	-20	.04	1	3	152.4	38.7
11D048/283	10:06:59	BLU	145.0	230.0	-20	.04	1	3	140.1	31.7
11D049/283	10:13:41	GRN	145.0	230.0	-20	.04	1	3	141.5	32.7
11D050/283	10:20:23	RED	145.0	230.0	-20	.04	1	3	142.9	33.6
11D051/283	10:48:25	BLU	195.0	262.5	0	.04	1	3	149.2	37.1
11D052/283	10:56:40	GRN	195.0	262.5	0	.04	1	3	151.2	38.1
11D053/283	11:04:55	RED	195.0	262.5	0	.04	1	3	153.2	38.9
11D084/295	09:46:05	BLU	222.5	315.0	-20	.04	1	3	135.2	26.8
11D085/295	09:54:59	GRN	222.5	315.0	-20	.04	1	3	136.8	28.2
11D086/295	10:03:53	RED	222.5	315.0	-20	.04	1	3	138.4	29.5
12D087/295	10:22:28	BLU	75.0	185.0	0	.04	1	3	142.0	32.2
12D088/295	10:33:06	GRN	75.0	185.0	0	.04	1	3	144.3	33.6
12D089/295	10:43:44	RED	75.0	185.0	0	.04	1	3	146.6	35.0
11D109/301	12:42:43	BLU	222.5	315.0	-20	.04	1	3	177.7	43.0
11D126/302	11:30:39	BLU	222.5	315.0	-20	.04	1	3	156.9	39.3
11D134/303	10:16:16	BLU	222.5	315.0	-20	.04	1	3	139.8	30.3
11D143/304	09:04:46	BLU	222.5	315.0	-20	.04	1	3	128.0	18.6
12D187/318	11:22:51	BLU	175.0	245.0	0	.04	1	3	151.9	37.6
12D188/318	11:29:44	GRN	175.0	245.0	0	.04	1	3	153.6	38.4
12D189/318	11:36:37	RED	175.0	245.0	0	.04	1	4	155.4	39.0
11E037/343	09:02:02	BLU	180.0	310.0	-40	.04	1	2	122.5	14.7
11E038/343	09:12:42	GRN	180.0	310.0	-40	.04	1	2	123.8	16.7
11E039/343	09:23:22	RED	180.0	310.0	-40	.04	1	2	125.3	18.7
12E104/359	11:59:59	BLU	27.5	35.0	-20	.04	1	2	153.4	42.8
12E105/359	12:01:29	GRN	27.5	35.0	-20	.04	5	3	153.8	42.9
12E106/359	12:02:59	RED	27.5	35.0	-20	.04	1	2	154.2	43.1
12E107/359	12:04:29	BLU	27.5	35.0	-20	.04	5	3	154.6	43.2
12E108/359	12:05:59	GRN	27.5	35.0	-20	.04	1	2	155.1	43.4
12E109/359	12:07:29	RED	27.5	35.0	-20	.04	5	3	155.5	43.5
12F035/396	14:29:59	BLU	132.5	142.5	-30	.04	1	3	202.1	51.4
12F036/396	14:34:59	GRN	132.5	142.5	-30	.04	1	3	203.9	50.9
12F037/396	14:39:59	RED	132.5	142.5	-30	.04	1	4	205.6	50.5
12F038/396	14:44:59	IR3	132.5	142.5	-30	.04	1	4	207.2	50.0
12F039/396	14:49:59	IR2	132.5	142.5	-30	.04	1	4	208.9	49.4
12F040/396	14:54:59	IR1	132.5	142.5	-30	.04	1	4	210.5	48.9
12F102/408	16:58:22	BLU	10.0	60.0	10	.12	1	5	240.8	30.5
12F103/408	17:00:59	BLU	60.0	172.5	10	.12	1	4	241.2	30.0
11F132/422	15:41:27	BLU	205.0	235.0	-30	.12	1	4	228.9	46.4
12G091/491	09:27:02	BLU	52.5	92.5	10	.12	1	5	97.9	34.8
12G092/491	09:29:02	BLU	92.5	167.5	10	.12	1	4	98.1	35.3
11G113/506	13:07:59	BLU	227.5	237.5	-30	.04	1	4	181.1	77.0
11G114/506	13:09:59	GRN	227.5	237.5	-30	.04	1	4	183.3	77.0
11G115/506	13:11:59	RED	227.5	237.5	-30	.04	1	4	185.4	77.0
11G116/506	13:13:59	IR3	227.5	237.5	-30	.04	1	4	187.5	76.9
11G117/506	13:15:59	IR2	227.5	237.5	-30	.04	1	4	189.6	76.8
11G118/506	13:17:59	IR1	227.5	237.5	-30	.04	1	4	191.7	76.8
12G120/506	16:38:00	BLU	155.0	195.0	10	.12	1	5	263.8	39.1
12G121/506	16:42:00	BLU	15.0	155.0	10	.12	1	4	264.3	38.2
12G213/535	09:00:46	BLU	42.5	82.5	10	.12	1	5	87.7	35.3
12G214/535	09:02:59	BLU	82.5	222.5	10	.12	1	4	87.9	35.8
12H019/557	16:44:50	BLU	170.0	210.0	10	.12	1	5	276.2	36.0
12H020/557	16:47:20	BLU	45.0	170.0	10	.12	1	4	276.4	35.4
12H072/579	08:33:55	BLU	32.5	72.5	10	.12	1	5	79.7	34.2
12H073/579	08:36:25	BLU	72.5	200.0	10	.12	1	4	79.9	34.8

VL-1
VISUAL COLOR AND INFRARED SINGLET CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12I055/684	16:38:59	BLU	237.5	287.5	10	.12	1	5	285.0	32.6
12I064/690	08:33:00	BLU	30.0	80.0	10	.12	1	5	77.0	39.5
12I088/721	16:27:58	BLU	235.0	285.0	10	.12	1	5	281.1	33.2
12I097/727	08:33:00	BLU	35.0	85.0	10	.12	1	5	81.6	40.0
12I121/758	16:10:59	BLU	227.5	277.5	10	.12	1	5	274.2	34.3
12I130/764	08:32:59	BLU	42.5	92.5	10	.12	1	5	89.2	39.9
12I154/795	15:51:59	BLU	217.5	267.5	10	.12	1	5	264.7	35.0
12I163/801	08:32:59	BLU	52.5	102.5	10	.12	1	5	98.8	38.7
12I188/832	15:32:59	BLU	205.0	255.0	10	.12	1	5	253.4	34.8
12I197/838	08:32:59	BLU	62.5	112.5	10	.12	1	5	109.1	35.6
12I251/920	15:00:35	BLU	172.5	232.5	10	.12	1	5	225.4	32.8

BLUE SKY BRIGHTNESS CAMERA EVENTS

VL-1 Blue Sky Brightness Camera Events

VL-1
BLUE SKY BRIGHTNESS CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12A121/020	17:07:59	BLU	185.0	232.5	10	.12	1	5	286.8	25.7
11A166/028	10:10:09	BLU	155.0	180.0	10	.12	1	5	82.0	61.2
11B061/037	14:06:14	BLU	80.0	230.0	10	.12	1	4	275.6	65.6
12B062/037	14:42:00	BLU	55.0	237.5	10	.12	1	4	277.2	57.6
12C196/258	08:44:00	BLU	167.5	250.0	10	.12	1	4	126.2	22.7
11C204/258	16:21:30	BLU	175.0	257.5	10	.12	1	4	236.9	18.5
12F102/408	16:58:22	BLU	10.0	60.0	10	.12	1	5	240.8	30.5
12F103/408	17:00:59	BLU	60.0	172.5	10	.12	1	4	241.2	30.0
12G091/491	09:27:02	BLU	52.5	92.5	10	.12	1	5	97.9	34.8
12G092/491	09:29:02	BLU	92.5	167.5	10	.12	1	4	98.1	35.3
12G120/506	16:38:00	BLU	155.0	195.0	10	.12	1	5	263.8	39.1
12G121/506	16:42:00	BLU	15.0	155.0	10	.12	1	4	264.3	38.2
12G213/535	09:00:46	BLU	42.5	82.5	10	.12	1	5	87.7	35.3
12G214/535	09:02:59	BLU	82.5	222.5	10	.12	1	4	87.9	35.8
12H019/557	16:44:50	BLU	170.0	210.0	10	.12	1	5	276.2	36.0
12H020/557	16:47:20	BLU	45.0	170.0	10	.12	1	4	276.4	35.4
12H072/579	08:33:55	BLU	32.5	72.5	10	.12	1	5	79.7	34.2
12H073/579	08:36:25	BLU	72.5	200.0	10	.12	1	4	79.9	34.8
12I055/684	16:38:59	BLU	237.5	287.5	10	.12	1	5	285.0	32.6
12I064/690	08:33:00	BLU	30.0	80.0	10	.12	1	5	77.0	39.5
12I088/721	16:27:58	BLU	235.0	285.0	10	.12	1	5	281.1	33.2
12I097/727	08:33:00	BLU	35.0	85.0	10	.12	1	5	81.6	40.0
12I121/758	16:10:59	BLU	227.5	277.5	10	.12	1	5	274.2	34.3
12I130/764	08:32:59	BLU	42.5	92.5	10	.12	1	5	89.2	39.9
12I154/795	15:51:59	BLU	217.5	267.5	10	.12	1	5	264.7	35.0
12I163/801	08:32:59	BLU	52.5	102.5	10	.12	1	5	98.8	38.7
12I188/832	15:32:59	BLU	205.0	255.0	10	.12	1	5	253.4	34.8
12I197/838	08:32:59	BLU	62.5	112.5	10	.12	1	5	109.1	35.6
12I251/920	15:00:35	BLU	172.5	232.5	10	.12	1	5	225.4	32.8

SUN IMAGERY CAMERA EVENTS

VL-1 Sun Imagery Camera Events

VL-1
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11A046/006	17:54:00	SUN	32.5	67.5	10	.12	0	4	290.4	16.7
11A047/007	07:06:00	SUN	172.5	205.0	10	.12	0	4	71.1	21.3
11A083/012	17:36:59	SUN	47.5	52.5	30	.04	1	2	289.1	19.9
11A084/012	18:23:59	SUN	50.0	55.0	20	.04	1	2	292.5	10.1
11A085/012	18:47:59	SUN	52.5	57.5	10	.04	1	2	294.5	5.2
11A086/012	18:58:59	SUN	52.5	57.5	10	.04	1	2	295.5	2.9
11A087/013	05:35:59	SUN	180.0	185.0	10	.04	1	2	64.5	8.5
11A088/013	05:47:59	SUN	182.5	187.5	10	.04	1	2	65.5	5.2
11A089/013	06:11:59	SUN	185.0	190.0	20	.04	1	2	67.5	10.1
11A090/013	06:59:59	SUN	187.5	192.5	30	.04	1	2	71.0	20.2
12A175/028	18:06:20	SUN	232.5	235.0	20	.04	1	1	289.9	13.3
11A184/029	05:54:13	SUN	185.0	187.5	10	.04	1	0	67.2	5.5
11A186/029	06:21:43	SUN	187.5	190.0	20	.04	1	1	69.4	11.3
11A189/029	07:21:40	SUN	192.5	195.0	30	.04	1	2	73.6	24.1
12B109/041	17:19:59	SUN	227.5	230.0	30	.04	1	3	285.7	22.5
12B113/041	17:51:59	SUN	230.0	232.5	20	.04	1	2	287.9	15.6
12B146/061	17:15:14	SUN	210.0	237.5	30	.04	1	3	283.3	22.3
12B171/081	17:14:54	SUN	210.0	237.5	30	.04	1	3	280.5	20.8
12B196/101	17:15:14	SUN	217.5	227.5	20	.04	1	3	277.4	18.9
12B197/101	17:41:14	SUN	217.5	227.5	20	.04	1	3	279.5	13.1
12B200/115	16:59:59	SUN	215.0	217.5	30	.04	1	3	273.5	20.9
12B201/115	17:52:31	SUN	220.0	222.5	20	.04	1	2	278.1	9.1
12B211/155	16:44:01	SUN	205.0	207.5	30	.04	1	3	263.6	20.1
12B212/155	17:31:59	SUN	210.0	212.5	20	.04	1	3	268.3	9.4
12B236/168	17:39:23	SUN	207.5	210.0	10	.04	1	2	266.1	6.3
11B237/169	06:21:59	SUN	212.5	215.0	10	.04	1	1	94.2	6.7
11B238/169	07:09:47	SUN	217.5	220.0	20	.04	1	3	98.9	17.4
11B239/169	08:14:47	SUN	225.0	227.5	30	.04	1	3	106.4	31.7
12B253/174	16:39:22	SUN	200.0	202.5	30	.04	1	3	258.8	19.1
12B255/174	17:26:32	SUN	205.0	207.5	20	.04	1	3	263.5	8.6
11C001/175	06:32:16	SUN	215.0	217.5	10	.04	1	2	96.6	8.5
11C002/175	07:22:16	SUN	220.0	222.5	20	.04	1	3	101.7	19.6
12C050/183	16:35:34	SUN	197.5	200.0	30	.04	1	2	256.2	19.0
12C051/183	17:20:34	SUN	202.5	205.0	20	.04	1	0	260.9	9.1
11C055/185	06:36:23	SUN	217.5	220.0	10	.04	1	0	99.3	8.4
11C056/185	07:21:23	SUN	222.5	225.0	20	.04	1	2	103.9	18.3
12C086/207	16:24:28	SUN	190.0	192.5	30	.04	1	2	249.1	19.3
12C087/207	16:44:28	SUN	192.5	195.0	20	.04	1	1	251.4	15.1
11C091/208	07:22:53	SUN	227.5	230.0	20	.04	1	1	109.0	15.6
11C092/208	08:05:53	SUN	232.5	235.0	30	.04	1	2	114.3	24.6
12C102/209	15:36:17	SUN	182.5	185.0	30	.04	1	2	242.1	29.1
12C103/209	16:26:17	SUN	190.0	192.5	30	.04	1	1	248.8	18.8
11C104/210	07:41:42	SUN	230.0	232.5	20	.04	1	0	111.6	19.3
11C105/210	08:21:42	SUN	235.0	237.5	30	.04	1	1	116.9	27.5
11C106/210	08:54:13	SUN	240.0	242.5	30	.04	1	2	122.0	33.8
12C120/211	15:37:08	SUN	182.5	185.0	30	.04	1	2	241.8	28.7
12C121/211	15:54:38	SUN	185.0	187.5	30	.04	1	2	244.3	25.2
12C122/211	16:32:08	SUN	190.0	192.5	30	.04	1	1	249.0	17.5
12C139/222	08:16:39	SUN	60.0	62.5	30	.04	1	1	118.3	24.4
12C140/222	08:49:10	SUN	65.0	67.5	30	.04	1	1	123.3	30.7
12C141/222	09:06:40	SUN	67.5	70.0	30	.04	1	1	126.3	33.9
11C142/222	09:09:40	SUN	245.0	247.5	30	.04	1	1	126.9	34.4
12C145/222	15:26:40	SUN	177.5	180.0	30	.04	1	1	237.3	29.9
12C146/222	16:16:40	SUN	185.0	187.5	30	.04	1	1	244.5	20.0
12C167/239	15:36:10	SUN	175.0	177.5	30	.04	1	1	234.6	27.1
12C168/239	16:08:40	SUN	180.0	182.5	30	.04	1	0	239.4	20.9
12C175/240	08:34:05	SUN	65.0	67.5	30	.04	1	0	123.3	24.4
12C176/240	08:51:35	SUN	67.5	70.0	30	.04	1	1	126.0	27.6
11C177/240	08:55:05	SUN	245.0	247.5	30	.04	1	1	126.6	28.3
12C178/240	09:21:35	SUN	72.5	75.0	30	.04	1	1	131.2	32.9
11C181/246	08:31:33	SUN	242.5	245.0	20	.04	1	1	123.5	22.7
11C186/248	08:37:23	SUN	242.5	245.0	20	.04	1	1	124.6	23.4
11C188/251	08:33:37	SUN	242.5	245.0	20	.04	1	1	124.2	22.1
11C189/252	08:34:02	SUN	242.5	245.0	20	.04	1	1	124.4	22.0
11C190/254	08:29:52	SUN	242.5	245.0	20	.04	1	1	123.9	20.9
11C193/256	08:30:41	SUN	242.5	245.0	20	.04	1	1	124.2	20.6
11C194/257	08:31:05	SUN	242.5	245.0	20	.04	1	1	124.3	20.5
12C195/258	08:41:31	SUN	67.5	70.0	30	.04	1	0	125.8	22.2
11C197/258	09:06:01	SUN	247.5	250.0	30	.04	1	1	129.6	26.6

VL-1
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11C198/258	09:47:01	SUN	255.0	257.5	30	.04	1	1	137.0	33.3
12C201/258	15:19:00	SUN	167.5	170.0	30	.04	1	1	227.3	29.6
12C202/258	15:49:00	SUN	172.5	175.0	30	.04	1	1	232.3	24.5
12C203/258	16:19:30	SUN	177.5	180.0	30	.04	1	0	236.7	18.9
11C205/259	08:31:55	SUN	242.5	245.0	20	.04	1	1	124.5	20.3
11C208/260	08:32:20	SUN	242.5	245.0	20	.04	1	1	124.6	20.2
11C216/262	08:33:10	SUN	242.5	245.0	20	.04	1	1	124.8	19.9
11C220/263	08:33:34	SUN	242.5	245.0	20	.04	1	1	124.9	19.8
11C221/264	09:33:59	SUN	252.5	255.0	30	.04	1	1	134.6	30.1
11C222/265	09:34:23	SUN	252.5	255.0	30	.04	1	1	134.6	30.0
11C223/266	09:34:49	SUN	252.5	255.0	30	.04	1	1	134.7	29.9
11C224/267	09:35:13	SUN	252.5	255.0	30	.04	1	1	134.8	29.7
11C228/268	09:35:38	SUN	252.5	255.0	30	.04	1	1	134.8	29.6
11C241/270	09:36:28	SUN	252.5	255.0	30	.04	1	1	135.0	29.4
11D009/272	09:37:17	SUN	252.5	255.0	30	.04	1	1	135.1	29.1
11D010/274	09:38:06	SUN	252.5	255.0	30	.04	1	1	135.2	28.9
11D011/275	09:38:32	SUN	252.5	255.0	30	.04	1	1	135.2	28.8
11D018/277	09:04:20	SUN	247.5	250.0	20	.04	1	0	129.5	22.8
11D021/279	09:05:11	SUN	247.5	250.0	20	.04	1	0	129.6	22.5
11D022/280	09:20:35	SUN	250.0	252.5	20	.04	1	0	131.9	25.0
11D035/282	09:01:24	SUN	247.5	250.0	20	.04	1	0	128.9	21.4
11D047/283	09:01:49	SUN	247.5	250.0	20	.04	1	0	128.9	21.3
11D059/288	09:03:53	SUN	247.5	250.0	20	.04	1	0	129.0	20.8
12D064/288	16:23:53	SUN	172.5	175.0	20	.04	1	0	231.8	19.8
11D065/289	09:04:17	SUN	247.5	250.0	20	.04	1	0	129.0	20.7
12D067/289	15:54:17	SUN	167.5	170.0	30	.04	1	1	227.1	24.9
12D074/290	09:34:43	SUN	75.0	77.5	30	.04	1	1	133.7	25.7
11D075/291	09:05:07	SUN	247.5	250.0	20	.04	1	0	129.0	20.5
11D076/292	09:05:32	SUN	247.5	250.0	20	.04	1	0	129.0	20.4
11D081/293	09:05:56	SUN	247.5	250.0	20	.04	1	0	129.0	20.4
11D082/294	09:06:22	SUN	247.5	250.0	20	.04	1	0	129.0	20.3
11D083/295	09:06:46	SUN	247.5	250.0	20	.04	1	0	129.0	20.2
11D094/297	09:07:34	SUN	247.5	250.0	20	.04	1	0	129.0	20.0
12D096/297	16:17:35	SUN	170.0	172.5	20	.04	1	0	229.6	21.7
11D097/298	09:08:01	SUN	247.5	250.0	20	.04	1	0	128.9	20.0
11D098/299	09:08:25	SUN	247.5	250.0	20	.04	1	0	128.9	19.9
11D099/300	09:08:50	SUN	247.5	250.0	20	.04	1	0	128.9	19.8
12D100/301	08:04:14	SUN	62.5	65.0	10	.04	1	0	120.8	7.7
12D101/301	08:39:13	SUN	67.5	70.0	10	.04	1	1	124.9	14.4
12D102/301	09:04:13	SUN	70.0	72.5	20	.04	1	1	128.2	18.9
12D103/301	09:34:13	SUN	75.0	77.5	20	.04	1	1	132.6	24.0
12D104/301	10:04:13	SUN	80.0	82.5	30	.04	1	2	137.8	28.8
12D105/301	10:34:13	SUN	85.0	87.5	30	.04	1	2	143.7	33.1
12D106/301	11:09:13	SUN	92.5	95.0	40	.04	1	2	151.6	37.3
12D107/301	11:34:13	SUN	97.5	100.0	40	.04	1	2	158.0	39.7
12D108/301	12:09:13	SUN	107.5	110.0	40	.04	1	2	167.7	42.0
12D111/301	14:04:14	SUN	140.0	142.5	40	.04	1	2	201.4	39.9
12D112/301	14:39:14	SUN	150.0	152.5	40	.04	1	2	210.2	36.4
12D113/301	15:04:14	SUN	155.0	157.5	40	.04	1	2	215.8	33.4
12D114/301	15:34:14	SUN	162.5	165.0	30	.04	1	1	221.8	29.1
12D115/301	16:04:14	SUN	167.5	170.0	30	.04	1	1	227.0	24.4
12D116/301	16:34:14	SUN	172.5	175.0	20	.04	1	1	231.5	19.3
12D117/301	17:09:14	SUN	177.5	180.0	20	.04	1	0	236.1	12.9
12D118/301	17:34:14	SUN	180.0	182.5	10	.04	1	0	239.0	8.2
12D119/302	08:04:39	SUN	62.5	65.0	10	.04	1	0	120.8	7.7
12D120/302	08:39:39	SUN	67.5	70.0	10	.04	1	1	124.8	14.3
12D131/303	08:05:05	SUN	62.5	65.0	10	.04	1	0	120.7	7.6
12D132/303	08:40:05	SUN	67.5	70.0	10	.04	1	1	124.8	14.2
11D133/303	09:10:05	SUN	247.5	250.0	20	.04	1	0	128.8	19.7
12D140/304	08:05:29	SUN	62.5	65.0	10	.04	1	0	120.7	7.6
12D142/304	08:45:29	SUN	67.5	70.0	10	.04	1	1	125.4	15.1
12D144/304	16:25:29	SUN	170.0	172.5	20	.04	1	2	229.9	21.2
11D145/305	09:15:53	SUN	247.5	250.0	20	.04	1	1	129.4	20.4
11D146/306	09:16:18	SUN	247.5	250.0	20	.04	1	1	129.4	20.4
11D153/307	09:16:44	SUN	247.5	250.0	20	.04	1	1	129.4	20.3
11D155/308	09:17:08	SUN	247.5	250.0	20	.04	1	1	129.3	20.3
11D157/309	09:17:32	SUN	247.5	250.0	20	.04	1	1	129.3	20.2
11D159/310	09:17:57	SUN	247.5	250.0	20	.04	1	1	129.2	20.2
11D160/311	09:18:22	SUN	247.5	250.0	20	.04	1	1	129.2	20.1

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11D161/312	09:23:47	SUN	247.5	250.0	20	.04	1	1	129.8	21.0
11D162/313	09:24:11	SUN	247.5	250.0	20	.04	1	1	129.8	20.9
12D163/313	16:34:10	SUN	170.0	172.5	20	.04	1	2	230.3	20.8
11D164/314	09:24:36	SUN	247.5	250.0	20	.04	1	1	129.7	20.9
11D165/315	09:25:01	SUN	247.5	250.0	20	.04	1	1	129.6	20.9
11D166/316	09:25:26	SUN	247.5	250.0	20	.04	1	1	129.6	20.8
12D169/316	16:35:26	SUN	170.0	172.5	20	.04	1	2	230.3	21.0
11D180/317	09:25:50	SUN	247.5	250.0	20	.04	1	1	129.5	20.8
11D184/318	09:26:15	SUN	247.5	250.0	20	.04	1	1	129.4	20.8
11D190/319	09:31:40	SUN	247.5	250.0	20	.04	1	1	130.1	21.6
11D191/320	09:32:05	SUN	247.5	250.0	20	.04	1	1	130.0	21.6
11D193/321	09:32:29	SUN	247.5	250.0	20	.04	1	1	130.0	21.6
11D198/321	11:26:49	SUN	267.5	272.5	10	.12	1	1	152.3	38.0
11D200/321	11:32:09	SUN	267.5	272.5	10	.12	1	1	153.7	38.5
11D201/322	09:32:55	SUN	247.5	250.0	20	.04	1	1	129.9	21.6
11D202/323	09:33:19	SUN	247.5	250.0	20	.04	1	1	129.8	21.6
12D205/323	16:38:19	SUN	170.0	172.5	20	.04	1	1	230.3	21.5
11D208/324	08:58:19	SUN	242.5	245.0	10	.04	1	0	124.8	15.2
12D217/324	16:38:44	SUN	170.0	172.5	20	.04	1	1	230.3	21.6
11D219/325	09:34:08	SUN	247.5	250.0	20	.04	1	0	129.6	21.6
11D222/326	09:34:34	SUN	247.5	250.0	20	.04	1	0	129.5	21.6
11D226/327	09:34:58	SUN	247.5	250.0	20	.04	1	0	129.5	21.6
11D235/328	09:55:23	SUN	250.0	252.5	10	.12	1	1	132.5	25.0
11D236/328	10:35:23	SUN	257.5	260.0	10	.12	1	1	139.6	31.2
11D239/328	11:55:23	SUN	275.0	277.5	10	.12	1	2	158.4	40.6
11D243/328	15:00:23	SUN	327.5	330.0	10	.12	1	2	211.4	36.8
12D247/328	16:10:23	SUN	165.0	167.5	10	.12	1	1	225.6	26.9
12D251/328	16:50:23	SUN	172.5	175.0	10	.12	1	0	231.9	20.1
11E001/329	09:35:46	SUN	247.5	250.0	20	.04	1	0	129.3	21.6
11E002/330	09:36:13	SUN	247.5	250.0	20	.04	1	0	129.2	21.6
11E004/331	09:36:37	SUN	247.5	250.0	20	.04	1	0	129.1	21.6
11E005/333	09:42:25	SUN	247.5	250.0	20	.04	1	0	129.6	22.5
11E006/337	09:44:05	SUN	247.5	250.0	20	.04	1	0	129.2	22.6
11E013/338	09:44:30	SUN	247.5	250.0	20	.04	1	0	129.1	22.7
11E017/339	09:44:56	SUN	247.5	250.0	20	.04	1	0	129.0	22.7
11E022/340	09:45:20	SUN	247.5	250.0	20	.04	1	0	128.9	22.8
12E024/340	16:50:20	SUN	172.5	175.0	20	.04	1	0	231.7	22.0
11E028/341	09:45:44	SUN	247.5	250.0	20	.04	1	0	128.8	22.8
11E029/342	09:46:09	SUN	247.5	250.0	20	.04	1	0	128.7	22.8
12E040/343	10:01:34	SUN	72.5	75.0	10	.12	1	0	130.9	25.5
12E042/343	11:11:35	SUN	85.0	87.5	10	.12	1	0	144.4	36.2
12E043/343	11:56:35	SUN	95.0	97.5	10	.12	1	0	155.6	41.2
12E044/343	12:56:35	SUN	112.5	115.0	40	.04	1	0	173.4	44.9
12E045/343	13:51:35	SUN	130.0	132.5	40	.04	1	0	190.8	44.4
12E046/343	15:01:35	SUN	150.0	152.5	10	.12	1	0	210.5	38.8
12E047/343	15:46:35	SUN	160.0	162.5	10	.12	1	0	220.6	32.9
12E048/343	16:36:34	SUN	170.0	172.5	10	.12	1	0	229.6	24.9
12E049/343	17:26:34	SUN	177.5	180.0	10	.12	1	0	236.8	15.9
12E050/344	09:11:59	SUN	65.0	67.5	10	.12	1	0	123.6	16.6
12E051/344	10:01:34	SUN	72.5	75.0	10	.12	1	0	130.8	25.5
11E053/345	09:52:23	SUN	247.5	250.0	20	.04	1	0	129.1	23.9
11E057/346	09:52:48	SUN	247.5	250.0	20	.04	1	0	129.0	23.9
12E060/346	16:47:48	SUN	172.5	175.0	20	.04	1	0	231.5	23.4
11E061/347	09:53:13	SUN	247.5	250.0	20	.04	1	0	128.9	24.0
11E065/348	09:53:38	SUN	247.5	250.0	30	.04	1	0	128.8	24.1
11E071/349	09:54:02	SUN	247.5	250.0	30	.04	1	0	128.7	24.1
12E080/350	16:09:27	SUN	165.0	167.5	30	.04	1	0	225.1	30.5
11E081/351	09:59:52	SUN	247.5	250.0	30	.04	1	0	129.2	25.2
11E084/352	10:00:17	SUN	247.5	250.0	30	.04	1	0	129.1	25.2
11E085/353	10:30:41	SUN	252.5	255.0	30	.04	1	0	134.1	30.4
11E087/354	10:31:07	SUN	252.5	255.0	30	.04	1	0	134.0	30.5
11E088/355	10:36:31	SUN	252.5	255.0	30	.04	1	0	134.8	31.4
11E089/356	10:36:56	SUN	252.5	255.0	30	.04	1	0	134.7	31.5
11E091/357	10:37:20	SUN	252.5	255.0	30	.04	1	0	134.6	31.6
11E098/358	10:37:46	SUN	252.5	255.0	30	.04	1	0	134.5	31.7
11E101/359	10:38:10	SUN	252.5	255.0	30	.04	1	0	134.3	31.8
11E114/364	10:45:09	SUN	252.5	255.0	30	.04	1	0	134.7	33.2
11E119/365	10:45:32	SUN	252.5	255.0	30	.04	1	0	134.6	33.3
11E122/366	10:45:58	SUN	252.5	255.0	30	.04	1	0	134.5	33.4

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12E125/366	16:15:58	SUN	167.5	170.0	30	.04	1	0	227.1	32.2
11E131/367	10:36:28	SUN	250.0	252.5	30	.04	1	0	132.4	32.0
11E132/367	10:37:28	SUN	250.0	252.5	30	.04	1	1	132.6	32.1
11E134/368	10:36:53	SUN	250.0	252.5	30	.04	1	0	132.3	32.1
11E135/368	10:37:53	SUN	250.0	252.5	30	.04	1	1	132.5	32.3
11E138/369	10:37:16	SUN	250.0	252.5	30	.04	1	0	132.2	32.2
11E139/369	10:38:16	SUN	250.0	252.5	30	.04	1	1	132.4	32.4
11E149/370	10:37:43	SUN	250.0	252.5	30	.04	1	0	132.1	32.4
11E150/370	10:38:43	SUN	250.0	252.5	30	.04	1	1	132.2	32.5
11E151/371	10:38:07	SUN	250.0	252.5	30	.04	1	0	131.9	32.5
11E152/371	10:39:07	SUN	250.0	252.5	30	.04	1	1	132.1	32.6
11E158/372	10:43:32	SUN	250.0	252.5	30	.04	1	0	132.7	33.4
11E159/372	10:44:32	SUN	250.0	252.5	30	.04	1	1	132.9	33.6
12E161/372	16:43:32	SUN	172.5	175.0	30	.04	1	0	232.5	28.3
12E162/372	16:44:32	SUN	172.5	175.0	30	.04	1	1	232.7	28.1
11E166/373	10:43:55	SUN	250.0	252.5	30	.04	1	0	132.6	33.6
11E167/373	10:44:55	SUN	250.0	252.5	30	.04	1	1	132.8	33.7
12E168/373	16:38:56	SUN	172.5	175.0	30	.04	1	0	231.9	29.3
11E169/374	10:44:22	SUN	250.0	252.5	30	.04	1	0	132.5	33.7
11E170/375	10:44:47	SUN	250.0	252.5	30	.04	1	0	132.4	33.9
11E173/376	10:35:11	SUN	247.5	250.0	10	.12	1	0	130.4	32.3
12E184/376	16:40:11	SUN	172.5	175.0	30	.04	1	0	232.4	29.5
11E185/377	10:44:35	SUN	250.0	252.5	30	.04	1	0	132.0	34.1
11E186/378	10:46:00	SUN	250.0	252.5	30	.04	1	0	132.1	34.4
12E187/378	16:36:01	SUN	172.5	175.0	30	.04	1	0	232.0	30.6
11E191/379	10:46:26	SUN	250.0	252.5	30	.04	1	0	132.0	34.6
11E195/380	10:46:50	SUN	250.0	252.5	30	.04	1	0	131.8	34.7
11E196/380	10:47:50	SUN	250.0	252.5	30	.04	1	1	132.0	34.9
11E197/381	10:52:14	SUN	250.0	252.5	30	.04	1	0	132.7	35.7
11E198/382	10:52:39	SUN	250.0	252.5	30	.04	1	0	132.6	35.9
11E199/382	10:53:39	SUN	250.0	252.5	30	.04	1	1	132.8	36.1
11E200/383	10:53:04	SUN	250.0	252.5	30	.04	1	0	132.5	36.1
11E204/384	10:52:59	SUN	250.0	252.5	30	.04	1	0	132.3	36.2
11E209/385	10:53:43	SUN	250.0	252.5	30	.04	1	0	132.2	36.4
11E210/385	10:54:43	SUN	250.0	252.5	30	.04	1	1	132.4	36.6
11E214/386	10:59:18	SUN	250.0	252.5	30	.04	1	0	133.2	37.4
11E215/386	11:01:18	SUN	250.0	252.5	30	.04	1	1	133.6	37.8
12E220/386	16:29:18	SUN	172.5	175.0	30	.04	1	0	231.9	33.1
12E221/386	16:31:18	SUN	172.5	175.0	30	.04	1	1	232.3	32.7
11E225/387	10:59:43	SUN	250.0	252.5	30	.04	1	0	133.0	37.6
11E226/387	11:01:43	SUN	250.0	252.5	30	.04	1	1	133.5	37.9
11E228/388	11:00:08	SUN	250.0	252.5	30	.04	1	0	132.9	37.8
11E229/388	11:02:08	SUN	250.0	252.5	30	.04	1	1	133.4	38.1
11E233/389	11:00:32	SUN	250.0	252.5	30	.04	1	0	132.8	38.0
11E234/389	11:02:32	SUN	250.0	252.5	30	.04	1	1	133.3	38.3
12E235/389	16:30:32	SUN	172.5	175.0	30	.04	1	0	232.6	33.3
12E236/389	16:32:32	SUN	172.5	175.0	30	.04	1	1	233.0	32.9
11E248/390	11:00:57	SUN	250.0	252.5	30	.04	1	0	132.7	38.2
11E249/390	11:02:57	SUN	250.0	252.5	30	.04	1	1	133.1	38.5
12F004/390	16:44:59	SUN	175.0	177.5	30	.04	1	0	235.3	30.8
11F011/391	11:01:22	SUN	250.0	252.5	30	.04	1	0	132.6	38.4
11F012/391	11:03:22	SUN	250.0	252.5	30	.04	1	1	133.0	38.7
11F013/392	11:01:47	SUN	250.0	252.5	30	.04	1	0	132.4	38.5
11F014/392	11:03:47	SUN	250.0	252.5	30	.04	1	1	132.9	38.9
11F017/393	09:47:11	SUN	237.5	240.0	20	.04	1	1	119.2	25.0
11F018/393	10:22:11	SUN	242.5	245.0	30	.04	1	1	124.7	31.7
11F023/394	09:47:37	SUN	237.5	240.0	20	.04	1	1	119.0	25.2
11F024/395	10:23:01	SUN	242.5	245.0	30	.04	1	1	124.4	32.0
11F029/396	09:48:26	SUN	237.5	240.0	20	.04	1	1	118.8	25.5
11F030/396	10:23:26	SUN	242.5	245.0	30	.04	1	1	124.3	32.2
11F045/397	09:38:49	SUN	235.0	237.5	20	.04	1	1	117.2	23.7
11F046/397	10:13:49	SUN	240.0	242.5	30	.04	1	1	122.5	30.5
11F048/398	09:39:16	SUN	235.0	237.5	20	.04	1	1	117.1	23.9
11F049/398	10:14:16	SUN	240.0	242.5	30	.04	1	2	122.3	30.7
11F050/399	09:39:40	SUN	235.0	237.5	20	.04	1	1	117.0	24.1
11F051/399	10:14:40	SUN	240.0	242.5	30	.04	1	2	122.2	30.9
11F052/400	09:40:05	SUN	235.0	237.5	20	.04	1	1	116.8	24.3
11F053/400	10:15:05	SUN	240.0	242.5	30	.04	1	2	122.1	31.1
11F058/401	09:20:28	SUN	232.5	235.0	20	.04	1	1	114.0	20.4

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11F059/401	10:15:28	SUN	240.0	242.5	30	.04	1	2	121.9	31.3
11F064/402	09:20:55	SUN	232.5	235.0	20	.04	1	1	113.9	20.6
11F065/402	10:15:55	SUN	240.0	242.5	30	.04	1	2	121.8	31.5
12F067/402	17:00:55	SUN	180.0	182.5	30	.04	1	2	240.0	29.3
12F068/402	17:30:55	SUN	185.0	187.5	30	.04	1	1	244.3	23.3
11F074/403	09:26:19	SUN	232.5	235.0	20	.04	1	1	114.4	21.8
11F075/403	10:16:19	SUN	240.0	242.5	30	.04	1	2	121.7	31.7
11F076/404	09:26:44	SUN	232.5	235.0	20	.04	1	1	114.2	22.0
11F077/404	10:16:44	SUN	240.0	242.5	30	.04	1	2	121.6	31.9
11F079/405	09:27:08	SUN	232.5	235.0	20	.04	1	1	114.1	22.2
11F080/405	10:17:08	SUN	240.0	242.5	30	.04	1	2	121.4	32.1
11F081/406	09:27:33	SUN	232.5	235.0	30	.04	1	1	114.0	22.4
11F082/406	10:02:33	SUN	237.5	240.0	30	.04	1	2	118.9	29.4
11F083/407	09:27:59	SUN	232.5	235.0	30	.04	1	1	113.8	22.6
11F084/407	10:07:59	SUN	237.5	240.0	30	.04	1	2	119.6	30.6
11F085/408	08:48:23	SUN	227.5	230.0	20	.04	1	1	108.9	14.4
11F086/408	09:13:23	SUN	230.0	232.5	20	.04	1	1	111.8	19.6
11F087/408	09:33:23	SUN	232.5	235.0	30	.04	1	1	114.3	23.8
11F088/408	10:08:23	SUN	237.5	240.0	30	.04	1	2	119.4	30.8
12F101/408	16:53:23	SUN	180.0	182.5	30	.04	1	2	240.0	31.5
12F105/408	17:23:23	SUN	185.0	187.5	30	.04	1	2	244.5	25.5
12F106/408	17:58:23	SUN	190.0	192.5	20	.04	1	1	249.0	18.2
11F108/409	09:33:47	SUN	232.5	235.0	30	.04	1	1	114.2	24.0
11F109/409	10:08:47	SUN	237.5	240.0	30	.04	1	2	119.3	31.0
11F110/410	09:34:12	SUN	232.5	235.0	30	.04	1	1	114.1	24.2
12F111/410	17:19:13	SUN	185.0	187.5	30	.04	1	2	244.3	26.5
11F112/411	09:34:38	SUN	232.5	235.0	30	.04	1	1	113.9	24.4
11F113/412	09:35:02	SUN	232.5	235.0	30	.04	1	1	113.8	24.6
11F114/412	10:10:02	SUN	237.5	240.0	30	.04	1	2	118.9	31.7
11F115/413	09:40:31	SUN	232.5	235.0	30	.04	1	1	114.3	25.8
11F116/414	09:40:56	SUN	232.5	235.0	30	.04	1	1	114.2	26.0
12F117/414	17:15:57	SUN	185.0	187.5	30	.04	1	1	244.7	27.6
11F118/415	09:41:16	SUN	232.5	235.0	30	.04	1	1	114.0	26.2
12F120/416	17:11:41	SUN	185.0	187.5	30	.04	1	1	244.5	28.7
11F121/418	09:42:30	SUN	232.5	235.0	30	.04	1	1	113.6	26.9
12F122/418	17:07:30	SUN	185.0	187.5	30	.04	1	1	244.4	29.7
11F123/419	09:47:55	SUN	232.5	235.0	30	.04	1	1	114.2	28.1
12F124/419	17:07:56	SUN	185.0	187.5	30	.04	1	1	244.7	29.7
11F126/420	09:08:20	SUN	227.5	230.0	30	.04	1	1	108.9	20.0
12F127/420	17:38:20	SUN	190.0	192.5	30	.04	1	1	249.1	23.5
11F128/421	09:08:44	SUN	227.5	230.0	30	.04	1	1	108.7	20.2
12F129/421	17:38:44	SUN	190.0	192.5	30	.04	1	1	249.3	23.5
11F130/422	09:14:10	SUN	227.5	230.0	30	.04	1	1	109.2	21.5
12F133/422	17:34:09	SUN	190.0	192.5	30	.04	1	1	249.0	24.5
12F135/423	17:34:35	SUN	190.0	192.5	30	.04	1	1	249.3	24.5
11F137/424	09:14:59	SUN	227.5	230.0	30	.04	1	1	108.9	21.9
11F138/425	09:15:23	SUN	227.5	230.0	30	.04	1	1	108.8	22.1
11F141/426	09:20:38	SUN	227.5	230.0	30	.04	1	1	109.2	23.4
12F144/426	17:30:37	SUN	190.0	192.5	30	.04	1	1	249.4	25.6
11F145/427	09:21:13	SUN	227.5	230.0	30	.04	1	1	109.1	23.6
11F146/428	09:21:38	SUN	227.5	230.0	30	.04	1	1	109.0	23.9
12F151/428	17:41:38	SUN	192.5	195.0	30	.04	1	1	251.3	23.4
11F152/429	09:22:01	SUN	227.5	230.0	30	.04	1	1	108.8	24.1
12F153/429	17:42:02	SUN	192.5	195.0	30	.04	1	1	251.6	23.4
12F155/430	17:37:27	SUN	192.5	195.0	30	.04	1	1	251.2	24.4
11F156/431	09:22:52	SUN	227.5	230.0	30	.04	1	1	108.6	24.5
11F160/432	09:28:17	SUN	227.5	230.0	30	.04	1	1	109.0	25.8
11F172/433	09:28:40	SUN	227.5	230.0	30	.04	1	1	108.9	26.1
12F173/433	17:33:41	SUN	192.5	195.0	30	.04	1	1	251.5	25.4
11F178/434	09:29:07	SUN	227.5	230.0	30	.04	1	1	108.8	26.3
11F182/435	09:29:31	SUN	227.5	230.0	30	.04	1	1	108.6	26.5
11F185/437	09:35:20	SUN	227.5	230.0	30	.04	1	1	109.0	28.1
12F187/439	17:41:10	SUN	195.0	197.5	30	.04	1	2	253.8	24.2
12F188/440	08:46:35	SUN	45.0	47.5	20	.04	1	1	102.7	17.9
12F189/440	09:11:35	SUN	47.5	50.0	30	.04	1	2	105.5	23.4
12F194/440	17:46:35	SUN	195.0	197.5	30	.04	1	2	254.7	23.0
12F195/441	08:51:59	SUN	45.0	47.5	20	.04	1	1	103.1	19.3
12F196/441	09:11:59	SUN	47.5	50.0	30	.04	1	2	105.3	23.6
12F206/442	08:52:24	SUN	45.0	47.5	20	.04	1	1	102.9	19.5

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12F207/442	09:12:24	SUN	47.5	50.0	30	.04	1	2	105.2	23.9
12F209/442	17:37:25	SUN	195.0	197.5	30	.04	1	2	254.1	25.1
12F210/443	09:12:50	SUN	47.5	50.0	30	.04	1	2	105.1	24.1
12F211/445	08:58:38	SUN	45.0	47.5	20	.04	1	1	103.1	21.3
12F212/446	18:09:04	SUN	200.0	202.5	30	.04	1	1	258.7	18.4
12F213/447	08:59:28	SUN	45.0	47.5	20	.04	1	1	102.8	21.8
12F214/448	09:04:53	SUN	45.0	47.5	20	.04	1	1	103.2	23.1
12F215/449	09:00:17	SUN	45.0	47.5	20	.04	1	1	102.5	22.3
12F216/453	17:16:56	SUN	195.0	197.5	30	.04	1	2	254.3	30.0
12F217/453	17:56:56	SUN	200.0	202.5	30	.04	1	2	259.0	21.3
12F218/454	09:07:22	SUN	45.0	47.5	20	.04	1	2	102.4	24.6
12F223/454	09:32:22	SUN	47.5	50.0	30	.04	1	2	105.4	30.1
12F224/455	09:12:46	SUN	45.0	47.5	30	.04	1	2	102.8	25.9
12F228/457	17:43:35	SUN	200.0	202.5	30	.04	1	2	258.5	24.3
12F229/458	09:19:01	SUN	45.0	47.5	30	.04	1	2	103.0	27.8
12F231/466	09:07:18	SUN	42.5	45.0	30	.04	1	2	100.2	26.4
12F232/466	17:22:19	SUN	200.0	202.5	30	.04	1	2	258.3	29.2
12F233/467	09:07:44	SUN	42.5	45.0	30	.04	1	2	100.1	26.7
12F234/467	17:22:43	SUN	200.0	202.5	30	.04	1	2	258.6	29.2
12F235/468	09:08:08	SUN	42.5	45.0	30	.04	1	2	99.9	26.9
12F236/469	09:13:32	SUN	42.5	45.0	30	.04	1	2	100.4	28.3
12F241/469	18:03:32	SUN	205.0	207.5	30	.04	1	2	263.6	20.1
12F242/470	08:07:57	SUN	35.0	37.5	20	.04	1	1	93.4	13.8
11F243/470	08:09:07	SUN	212.5	215.0	20	.04	1	1	93.5	14.1
12F244/470	08:33:57	SUN	37.5	40.0	20	.04	1	2	96.0	19.6
11F245/470	08:35:07	SUN	215.0	217.5	20	.04	1	2	96.1	19.9
12G003/470	09:18:57	SUN	42.5	45.0	30	.04	1	2	100.8	29.7
11G004/470	09:20:57	SUN	220.0	222.5	30	.04	1	2	101.0	30.1
12G005/470	09:58:57	SUN	47.5	50.0	40	.04	1	2	105.9	38.4
11G006/470	10:00:09	SUN	225.0	227.5	40	.04	1	2	106.1	38.7
11G011/470	18:03:58	SUN	22.5	25.0	30	.04	1	2	263.9	20.0
11G012/471	08:59:23	SUN	217.5	220.0	30	.04	1	2	98.4	25.5
11G013/472	09:04:47	SUN	217.5	220.0	30	.04	1	2	98.8	26.8
11G014/472	17:59:47	SUN	22.5	25.0	30	.04	1	2	263.9	21.0
11G015/473	09:05:11	SUN	217.5	220.0	30	.04	1	2	98.7	27.1
11G016/473	18:00:10	SUN	22.5	25.0	30	.04	1	2	264.2	20.9
11G022/474	08:00:36	SUN	210.0	212.5	20	.04	1	1	92.1	12.8
11G025/474	09:05:36	SUN	217.5	220.0	30	.04	1	2	98.6	27.3
11G036/474	17:55:37	SUN	22.5	25.0	30	.04	1	2	264.0	21.9
11G039/474	18:45:37	SUN	27.5	30.0	20	.04	1	1	268.8	10.7
11G040/475	09:06:01	SUN	217.5	220.0	30	.04	1	2	98.4	27.6
11G044/476	09:11:26	SUN	217.5	220.0	30	.04	1	2	98.9	29.0
11G047/476	17:51:26	SUN	22.5	25.0	30	.04	1	2	264.0	22.9
11G048/477	09:11:50	SUN	217.5	220.0	30	.04	1	2	98.7	29.2
11G049/477	17:51:49	SUN	22.5	25.0	30	.04	1	2	264.3	22.8
11G050/478	09:12:15	SUN	217.5	220.0	30	.04	1	2	98.6	29.5
11G056/481	08:28:29	SUN	212.5	215.0	20	.04	1	2	93.5	20.1
11G057/481	18:28:29	SUN	27.5	30.0	20	.04	1	1	268.8	14.5
11G058/482	08:33:55	SUN	212.5	215.0	20	.04	1	2	93.9	21.5
11G059/482	18:28:54	SUN	27.5	30.0	20	.04	1	1	269.1	14.4
11G060/483	08:34:19	SUN	212.5	215.0	20	.04	1	2	93.8	21.7
11G061/483	18:24:20	SUN	27.5	30.0	20	.04	1	1	268.9	15.5
11G064/484	08:34:44	SUN	212.5	215.0	20	.04	1	2	93.6	22.0
11G067/484	18:24:44	SUN	27.5	30.0	20	.04	1	1	269.1	15.4
11G068/485	08:35:08	SUN	212.5	215.0	20	.04	1	2	93.5	22.2
11G069/485	18:20:08	SUN	27.5	30.0	20	.04	1	1	268.9	16.4
11G070/486	08:35:34	SUN	212.5	215.0	20	.04	1	2	93.4	22.5
11G071/486	18:15:33	SUN	27.5	30.0	20	.04	1	1	268.7	17.4
11G072/487	08:35:58	SUN	212.5	215.0	20	.04	1	2	93.3	22.7
11G073/487	18:15:59	SUN	27.5	30.0	20	.04	1	1	269.0	17.3
11G077/488	08:41:23	SUN	212.5	215.0	20	.04	1	2	93.6	24.1
11G082/489	18:11:47	SUN	27.5	30.0	30	.04	1	2	269.1	18.3
11G083/490	07:37:13	SUN	205.0	207.5	20	.04	1	1	87.3	10.0
11G084/490	08:02:13	SUN	207.5	210.0	20	.04	1	1	89.6	15.6
11G085/490	08:27:13	SUN	210.0	212.5	30	.04	1	2	91.9	21.2
11G086/490	09:37:13	SUN	217.5	220.0	40	.04	1	2	99.3	36.9
11G088/490	18:07:12	SUN	27.5	30.0	30	.04	1	2	268.9	19.3
11G089/490	18:42:12	SUN	30.0	32.5	20	.04	1	1	272.1	11.4
11G090/491	08:27:37	SUN	210.0	212.5	30	.04	1	2	91.8	21.5

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11G093/491	18:07:37	SUN	27.5	30.0	30	.04	1	2	269.2	19.2
11G094/494	08:28:52	SUN	210.0	212.5	30	.04	1	2	91.4	22.2
11G095/494	17:58:51	SUN	27.5	30.0	30	.04	1	2	269.0	21.1
11G096/500	08:41:20	SUN	210.0	212.5	30	.04	1	2	91.6	26.0
11G097/501	08:41:44	SUN	210.0	212.5	30	.04	1	2	91.5	26.2
11G098/502	08:47:09	SUN	210.0	212.5	30	.04	1	2	91.8	27.6
11G101/502	17:42:35	SUN	27.5	30.0	40	.04	1	2	269.4	24.7
11G103/503	08:42:35	SUN	210.0	212.5	30	.04	1	2	91.2	26.7
11G104/503	17:42:34	SUN	27.5	30.0	40	.04	1	2	269.6	24.7
11G105/505	08:48:23	SUN	210.0	212.5	30	.04	1	2	91.5	28.3
11G106/505	17:33:22	SUN	27.5	30.0	40	.04	1	2	269.2	26.7
11G107/506	08:43:48	SUN	210.0	212.5	30	.04	1	2	90.9	27.4
11G122/506	17:28:49	SUN	27.5	30.0	40	.04	1	2	269.0	27.7
11G123/508	08:49:38	SUN	210.0	212.5	30	.04	1	2	91.1	29.0
11G124/508	17:29:38	SUN	27.5	30.0	40	.04	1	2	269.5	27.5
11G125/509	08:50:02	SUN	210.0	212.5	30	.04	1	2	91.0	29.3
11G126/509	17:30:02	SUN	27.5	30.0	40	.04	1	2	269.8	27.4
11G128/510	08:55:27	SUN	210.0	212.5	30	.04	1	2	91.3	30.6
11G129/510	17:25:27	SUN	27.5	30.0	40	.04	1	2	269.6	28.4
12G136/511	07:30:52	SUN	25.0	27.5	10	.04	1	1	83.6	11.8
11G139/511	08:00:52	SUN	205.0	207.5	20	.04	1	2	86.2	18.5
11G142/511	08:55:52	SUN	210.0	212.5	30	.04	1	2	91.2	30.9
11G143/511	09:20:52	SUN	212.5	215.0	40	.04	1	2	93.6	36.5
11G146/511	09:50:52	SUN	215.0	217.5	40	.04	1	2	96.9	43.2
11G157/511	17:20:53	SUN	27.5	30.0	40	.04	1	2	269.4	29.4
11G160/511	18:35:53	SUN	35.0	37.5	20	.04	1	1	276.1	12.5
11G161/513	08:56:41	SUN	210.0	212.5	30	.04	1	2	90.9	31.3
11G164/513	17:16:41	SUN	27.5	30.0	40	.04	1	2	269.5	30.3
11G165/515	09:02:31	SUN	210.0	212.5	30	.04	1	2	91.2	33.0
11G166/515	17:12:32	SUN	27.5	30.0	40	.04	1	2	269.6	31.2
11G167/516	09:02:56	SUN	210.0	212.5	30	.04	1	2	91.0	33.2
11G168/518	09:03:46	SUN	210.0	212.5	30	.04	1	2	90.8	33.7
11G169/518	17:58:45	SUN	32.5	35.0	30	.04	1	2	274.3	20.7
11G175/521	08:19:58	SUN	205.0	207.5	30	.04	1	2	86.4	24.2
11G176/521	17:44:59	SUN	32.5	35.0	30	.04	1	2	273.8	23.7
11G177/523	08:30:49	SUN	205.0	207.5	30	.04	1	2	87.0	27.0
11G178/523	17:40:49	SUN	32.5	35.0	30	.04	1	2	273.9	24.6
11G181/525	08:21:37	SUN	205.0	207.5	30	.04	1	2	85.9	25.2
11G184/525	17:36:38	SUN	32.5	35.0	30	.04	1	2	273.9	25.5
11G188/526	07:02:03	SUN	197.5	200.0	20	.04	1	1	79.1	7.5
11G189/526	08:27:03	SUN	205.0	207.5	30	.04	1	2	86.2	26.5
11G190/526	17:37:04	SUN	32.5	35.0	30	.04	1	2	274.2	25.3
11G195/527	08:32:29	SUN	205.0	207.5	30	.04	1	2	86.6	27.9
11G202/527	17:37:28	SUN	32.5	35.0	30	.04	1	2	274.4	25.2
11G203/528	08:02:53	SUN	202.5	205.0	30	.04	1	2	83.9	21.4
11G206/530	08:03:42	SUN	202.5	205.0	30	.04	1	2	83.7	21.8
11G207/530	17:28:43	SUN	32.5	35.0	30	.04	1	2	274.3	27.1
11G208/532	08:09:32	SUN	202.5	205.0	30	.04	1	2	83.9	23.4
11G209/532	17:29:32	SUN	32.5	35.0	30	.04	1	2	274.8	26.9
11G212/535	08:10:46	SUN	202.5	205.0	30	.04	1	2	83.6	24.1
11G215/535	17:20:46	SUN	32.5	35.0	30	.04	1	2	274.7	28.7
11G216/537	08:16:35	SUN	202.5	205.0	30	.04	1	2	83.8	25.7
11G217/539	08:17:25	SUN	202.5	205.0	30	.04	1	2	83.6	26.1
11G218/539	18:02:25	SUN	37.5	40.0	30	.04	1	2	278.8	19.3
11G219/540	08:22:50	SUN	202.5	205.0	30	.04	1	2	83.9	27.4
11G221/542	07:18:40	SUN	197.5	200.0	20	.04	1	1	78.5	13.4
12G222/542	07:48:40	SUN	22.5	25.0	20	.04	1	2	80.9	20.1
11G223/542	08:23:40	SUN	202.5	205.0	30	.04	1	2	83.7	27.9
11G224/542	09:03:40	SUN	205.0	207.5	40	.04	1	2	86.9	36.9
11G235/542	16:58:39	SUN	32.5	35.0	40	.04	1	2	274.3	33.5
11G236/542	17:48:39	SUN	37.5	40.0	30	.04	1	2	278.3	22.3
11G237/543	08:24:04	SUN	202.5	205.0	30	.04	1	2	83.5	28.1
11G238/544	06:59:29	SUN	195.0	197.5	20	.04	1	1	76.7	9.5
11G239/544	17:44:29	SUN	37.5	40.0	30	.04	1	2	278.3	23.1
11G240/546	07:00:19	SUN	195.0	197.5	20	.04	1	1	76.5	9.9
11G242/546	17:40:18	SUN	37.5	40.0	30	.04	1	2	278.4	24.0
11G244/548	07:06:08	SUN	195.0	197.5	20	.04	1	2	76.8	11.4
11G245/548	17:36:08	SUN	37.5	40.0	30	.04	1	2	278.4	24.9
11H009/553	07:08:10	SUN	195.0	197.5	20	.04	1	2	76.4	12.5

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SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11H010/553	17:28:11	SUN	37.5	40.0	30	.04	1	2	278.7	26.5
11H011/554	07:08:37	SUN	195.0	197.5	20	.04	1	2	76.3	12.7
11H012/554	17:28:36	SUN	37.5	40.0	30	.04	1	2	278.9	26.3
11H014/555	07:14:02	SUN	195.0	197.5	20	.04	1	2	76.6	14.0
11H021/557	18:19:50	SUN	42.5	45.0	10	.12	1	2	283.3	14.9
11H025/558	06:45:15	SUN	192.5	195.0	10	.12	1	1	74.0	8.1
11H028/560	06:51:05	SUN	192.5	195.0	10	.12	1	1	74.3	9.6
11H029/560	18:21:05	SUN	42.5	45.0	10	.12	1	2	283.9	14.6
11H031/562	06:51:54	SUN	192.5	195.0	10	.12	1	1	74.1	10.0
11H035/562	18:16:55	SUN	42.5	45.0	10	.12	1	2	283.9	15.4
11H036/564	06:52:44	SUN	192.5	195.0	20	.04	1	1	74.0	10.5
11H037/564	18:12:44	SUN	42.5	45.0	20	.04	1	2	283.9	16.3
11H038/567	06:53:58	SUN	192.5	195.0	20	.04	1	1	73.8	11.1
11H039/567	18:08:58	SUN	42.5	45.0	20	.04	1	2	284.0	17.0
11H042/570	18:05:13	SUN	42.5	45.0	20	.04	1	2	284.2	17.7
11H043/571	06:55:37	SUN	192.5	195.0	20	.04	1	1	73.5	11.9
11H046/572	07:01:12	SUN	192.5	195.0	20	.04	1	2	73.9	13.2
11H047/572	18:26:02	SUN	45.0	47.5	20	.04	1	2	286.1	13.2
11H048/574	07:01:52	SUN	192.5	195.0	20	.04	1	2	73.8	13.5
11H049/574	18:26:51	SUN	45.0	47.5	20	.04	1	2	286.4	12.9
11H053/577	07:03:04	SUN	192.5	195.0	20	.04	1	2	73.6	14.1
11H063/577	18:28:05	SUN	45.0	47.5	20	.04	1	2	286.9	12.6
12H070/579	07:03:55	SUN	15.0	17.5	20	.04	1	2	73.5	14.5
11H071/579	07:05:25	SUN	192.5	195.0	20	.04	1	2	73.6	14.8
12H074/579	18:08:55	SUN	227.5	230.0	20	.04	1	2	285.7	16.7
11H075/579	18:10:55	SUN	45.0	47.5	20	.04	1	2	285.9	16.2
11H076/580	07:04:20	SUN	192.5	195.0	20	.04	1	2	73.4	14.7
11H084/583	18:10:34	SUN	45.0	47.5	20	.04	1	2	286.4	16.2
11H085/584	07:10:59	SUN	192.5	195.0	20	.04	1	2	73.6	16.5
11H087/585	18:01:23	SUN	45.0	47.5	20	.04	1	2	285.9	18.1
11H088/586	06:41:48	SUN	190.0	192.5	20	.04	1	1	71.2	10.4
11H090/586	18:01:49	SUN	45.0	47.5	20	.04	1	2	286.1	18.0
11H091/587	06:17:14	SUN	187.5	190.0	10	.04	1	1	69.1	5.3
11H092/587	06:42:14	SUN	190.0	192.5	20	.04	1	1	71.2	10.6
11H093/587	07:22:14	SUN	192.5	195.0	30	.04	1	2	74.1	19.2
11H094/587	08:27:14	SUN	197.5	200.0	40	.04	1	3	78.4	33.4
11H095/587	09:02:13	SUN	200.0	202.5	40	.04	1	3	80.6	41.2
11H096/587	17:17:13	SUN	42.5	45.0	40	.04	1	3	283.2	27.7
11H097/587	18:07:13	SUN	45.0	47.5	20	.04	1	2	286.6	16.8
11H098/587	19:02:13	SUN	50.0	52.5	10	.04	1	1	290.9	5.1
11H099/589	06:43:02	SUN	190.0	192.5	20	.04	1	1	71.1	11.0
11H100/589	17:58:02	SUN	45.0	47.5	20	.04	1	2	286.2	18.7
11H101/591	06:43:53	SUN	190.0	192.5	20	.04	1	1	71.0	11.3
11H102/591	17:53:52	SUN	45.0	47.5	20	.04	1	2	286.1	19.6
11H104/593	17:54:41	SUN	45.0	47.5	20	.04	1	2	286.4	19.3
11H105/594	06:50:46	SUN	190.0	192.5	20	.04	1	2	71.3	13.0
11H111/595	17:55:31	SUN	45.0	47.5	20	.04	1	2	286.7	19.1
11H133/596	06:50:56	SUN	190.0	192.5	20	.04	1	2	71.2	13.3
11H135/597	06:51:20	SUN	190.0	192.5	20	.04	1	2	71.1	13.4
11H136/597	17:46:19	SUN	45.0	47.5	30	.04	1	3	286.3	21.0
11H139/600	06:27:35	SUN	187.5	190.0	20	.04	1	1	69.1	8.6
11H144/600	18:17:35	SUN	47.5	50.0	20	.04	1	2	288.8	14.2
11H146/602	06:28:25	SUN	187.5	190.0	20	.04	1	1	69.1	9.0
11H148/602	18:13:24	SUN	47.5	50.0	20	.04	1	2	288.7	15.1
11H150/605	06:29:38	SUN	187.5	190.0	20	.04	1	1	69.0	9.5
11H151/605	18:09:38	SUN	47.5	50.0	20	.04	1	2	288.7	15.8
11H155/608	06:30:53	SUN	187.5	190.0	10	.12	1	1	68.9	10.0
11H157/608	18:05:53	SUN	47.5	50.0	10	.12	1	2	288.7	16.5
11H184/611	18:32:07	SUN	50.0	52.5	20	.04	1	1	290.9	10.9
11H185/612	06:07:32	SUN	185.0	187.5	10	.04	1	0	66.9	5.3
11H190/612	18:32:32	SUN	50.0	52.5	20	.04	1	1	291.0	10.8
11H194/615	06:08:47	SUN	185.0	187.5	10	.04	1	0	66.9	5.8
11H199/615	18:33:46	SUN	50.0	52.5	20	.04	1	1	291.3	10.4
11H209/619	06:05:25	SUN	185.0	187.5	10	.04	1	0	66.4	5.4
11H210/619	06:15:25	SUN	185.0	187.5	10	.04	1	1	67.3	7.5
11H211/619	06:45:25	SUN	187.5	190.0	20	.04	1	1	69.6	13.8
11H213/619	07:40:25	SUN	192.5	195.0	30	.04	1	2	73.2	25.5
11H216/619	08:26:35	SUN	195.0	197.5	40	.04	1	3	75.9	35.5
11H217/619	18:30:01	SUN	50.0	52.5	20	.04	1	1	291.3	11.1

VL-1
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11H219/621	06:06:13	SUN	185.0	187.5	10	.04	1	0	66.4	5.7
11H220/621	18:31:14	SUN	50.0	52.5	20	.04	1	1	291.5	10.8
11H230/627	06:13:43	SUN	185.0	187.5	10	.04	1	1	66.9	7.6
11H232/627	18:18:44	SUN	50.0	52.5	20	.04	1	1	291.0	13.2
11H233/628	06:14:08	SUN	185.0	187.5	10	.12	1	1	66.9	7.8
11H236/639	06:18:40	SUN	185.0	187.5	10	.04	1	1	67.1	9.2
11H239/639	18:18:40	SUN	50.0	52.5	20	.04	1	1	291.5	12.9
11H241/642	06:09:55	SUN	185.0	187.5	10	.12	1	1	66.4	7.6
11H243/642	18:39:54	SUN	52.5	55.0	20	.04	1	1	293.2	8.4
11H244/645	06:11:08	SUN	185.0	187.5	10	.12	1	1	66.5	7.9
11H245/645	18:41:07	SUN	52.5	55.0	20	.04	1	1	293.4	8.0
11H246/647	18:41:59	SUN	52.5	55.0	20	.04	1	1	293.5	7.8
11H248/648	08:57:23	SUN	195.0	197.5	40	.04	1	3	76.4	43.6
11H249/648	18:37:23	SUN	52.5	55.0	20	.04	1	1	293.2	8.7
11H251/649	06:12:46	SUN	185.0	187.5	10	.04	1	1	66.6	8.4
11H252/649	18:37:39	SUN	52.5	55.0	20	.04	1	1	293.2	8.6
11H254/650	08:43:13	SUN	195.0	197.5	40	.04	1	3	75.8	40.6
11H255/650	18:38:13	SUN	52.5	55.0	20	.04	1	1	293.3	8.5
11I001/651	06:13:38	SUN	185.0	187.5	10	.04	1	1	66.7	8.7
11I002/651	16:43:37	SUN	45.0	47.5	40	.04	1	3	285.9	32.8
11I005/652	05:49:02	SUN	182.5	185.0	10	.04	1	0	64.7	3.7
11I007/652	06:14:02	SUN	185.0	187.5	10	.04	1	1	66.7	8.8
11I009/652	06:44:02	SUN	187.5	190.0	20	.04	1	2	69.0	15.1
11I013/652	07:19:02	SUN	190.0	192.5	20	.04	1	3	71.3	22.5
11I015/652	07:54:02	SUN	192.5	195.0	30	.04	1	3	73.3	30.0
11I017/652	08:54:02	SUN	195.0	197.5	40	.04	1	3	76.2	43.0
11I028/652	16:39:02	SUN	45.0	47.5	40	.04	1	3	285.7	33.7
12I030/652	17:09:02	SUN	230.0	232.5	30	.04	1	3	287.3	27.3
11I032/652	18:39:02	SUN	52.5	55.0	20	.04	1	1	293.4	8.3
12I035/653	06:29:26	SUN	10.0	12.5	20	.04	1	1	67.9	12.0
11I041/660	06:19:59	SUN	185.0	187.5	10	.12	1	1	67.3	10.3
12I043/660	17:05:59	SUN	230.0	232.5	10	.12	1	3	287.2	27.6
11I044/666	06:19:59	SUN	185.0	187.5	10	.12	1	1	67.5	10.5
12I047/666	17:06:00	SUN	230.0	232.5	10	.12	1	3	287.1	27.4
11I048/672	06:25:59	SUN	187.5	190.0	10	.12	1	1	68.1	11.8
12I050/672	17:06:59	SUN	230.0	232.5	10	.12	1	3	287.0	27.0
11I051/678	06:25:59	SUN	187.5	190.0	10	.12	1	1	68.4	11.9
12I053/678	17:20:00	SUN	230.0	232.5	10	.12	1	3	287.6	24.0
11I054/684	06:23:59	SUN	187.5	190.0	10	.12	1	1	68.6	11.6
12I056/684	16:46:59	SUN	227.5	230.0	10	.12	1	3	285.4	30.8
11I063/690	06:20:00	SUN	187.5	190.0	10	.12	1	1	68.7	10.8
12I072/690	16:57:59	SUN	227.5	230.0	10	.12	1	3	285.7	28.2
11I074/697	06:19:58	SUN	187.5	190.0	10	.12	1	1	69.2	10.9
12I076/697	17:05:59	SUN	227.5	230.0	10	.12	1	3	285.8	26.1
11I077/703	06:19:59	SUN	187.5	190.0	10	.12	1	1	69.7	10.9
12I080/703	17:06:00	SUN	227.5	230.0	10	.12	1	3	285.3	25.8
11I081/709	06:29:59	SUN	190.0	192.5	10	.12	1	1	71.1	13.0
12I083/709	17:06:59	SUN	227.5	230.0	10	.12	1	3	284.8	25.3
11I084/715	06:25:59	SUN	190.0	192.5	10	.12	1	1	71.4	12.2
12I086/715	17:19:59	SUN	227.5	230.0	10	.12	1	3	285.1	22.1
11I087/721	06:23:59	SUN	190.0	192.5	10	.12	1	1	71.9	11.7
12I089/721	16:57:58	SUN	225.0	227.5	10	.12	1	3	283.0	26.5
11I096/727	06:10:00	SUN	190.0	192.5	10	.12	1	1	71.6	8.7
12I105/727	16:57:59	SUN	225.0	227.5	10	.12	1	3	282.3	26.2
11I107/734	06:29:59	SUN	192.5	195.0	10	.12	1	1	74.1	12.9
12I109/734	17:20:00	SUN	225.0	227.5	10	.12	1	3	283.0	20.8
11I110/740	06:19:59	SUN	192.5	195.0	10	.12	1	1	74.2	10.7
12I113/740	17:05:59	SUN	222.5	225.0	10	.12	1	2	281.2	23.5
11I114/746	06:30:00	SUN	195.0	197.5	10	.12	1	1	75.9	12.7
12I116/746	17:06:59	SUN	222.5	225.0	10	.12	1	2	280.4	22.8
11I117/752	06:25:59	SUN	195.0	197.5	10	.12	1	1	76.5	11.7
12I119/752	17:19:59	SUN	222.5	225.0	10	.12	1	2	280.5	19.4
11I120/758	06:33:00	SUN	197.5	200.0	10	.12	1	1	78.2	13.2
12I122/758	16:57:59	SUN	220.0	222.5	10	.12	1	2	277.9	23.8
11I129/764	06:19:59	SUN	197.5	200.0	10	.12	1	1	78.2	10.2
12I138/764	16:39:59	SUN	217.5	220.0	10	.12	1	2	275.5	27.3
12I140/771	06:29:59	SUN	22.5	25.0	10	.12	1	1	80.4	12.2
12I142/771	17:05:59	SUN	217.5	220.0	10	.12	1	2	276.4	20.8
12I143/777	06:19:59	SUN	22.5	25.0	10	.12	1	1	80.7	9.8

VL-1
SUN IMAGERY CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12I146/777	17:05:58	SUN	217.5	220.0	10	.12	1	2	275.3	20.2
12I147/783	06:26:00	SUN	25.0	27.5	10	.12	1	1	82.4	10.9
12I149/783	16:57:59	SUN	215.0	217.5	10	.12	1	2	273.5	21.4
12I150/789	06:25:59	SUN	25.0	27.5	10	.12	1	1	83.7	10.7
12I152/789	17:05:59	SUN	215.0	217.5	10	.12	1	2	273.0	19.0
12I153/795	06:32:59	SUN	27.5	30.0	10	.12	1	1	85.6	12.0
12I155/795	16:57:59	SUN	212.5	215.0	10	.12	1	2	271.1	20.1
11I162/801	06:19:58	SUN	205.0	207.5	10	.12	1	1	85.7	8.8
12I171/801	16:39:59	SUN	210.0	212.5	10	.12	1	2	268.2	23.5
11I174/808	06:29:59	SUN	207.5	210.0	10	.12	1	1	88.2	10.7
12I176/808	17:05:59	SUN	210.0	212.5	10	.12	1	2	269.2	16.9
11I177/814	06:20:00	SUN	207.5	210.0	10	.12	1	1	88.6	8.1
12I180/814	17:05:59	SUN	210.0	212.5	10	.12	1	2	267.9	16.3
11I181/820	06:29:59	SUN	210.0	212.5	10	.12	1	1	90.9	9.9
12I183/820	16:57:59	SUN	207.5	210.0	10	.12	1	2	265.8	17.4
11I184/826	06:25:59	SUN	210.0	212.5	10	.12	1	1	91.9	8.6
12I186/826	17:06:00	SUN	207.5	210.0	10	.12	1	2	265.3	14.9
11I187/832	06:32:59	SUN	212.5	215.0	10	.12	1	1	94.0	9.7
12I189/832	16:57:59	SUN	205.0	207.5	10	.12	1	2	263.1	16.1
11I196/838	06:19:59	SUN	212.5	215.0	10	.12	1	1	94.1	6.3
12I205/838	16:58:00	SUN	202.5	205.0	10	.12	1	2	261.8	15.4
12I237/920	07:19:35	SUN	57.5	60.0	10	.12	1	0	115.2	7.6
12I238/920	07:24:35	SUN	57.5	60.0	10	.12	1	2	115.7	8.6
12I239/920	07:44:35	SUN	60.0	62.5	10	.12	1	1	118.0	12.6
12I240/920	07:49:35	SUN	60.0	62.5	10	.12	1	3	118.5	13.6
12I241/920	08:24:35	SUN	65.0	67.5	10	.12	1	1	123.0	20.4
12I242/920	08:29:35	SUN	65.0	67.5	10	.12	1	3	123.7	21.3
12I243/920	08:59:35	SUN	70.0	72.5	10	.12	1	1	128.2	26.8
12I244/920	09:04:35	SUN	70.0	72.5	10	.12	1	3	129.1	27.7
12I245/920	09:39:35	SUN	77.5	80.0	10	.12	1	1	135.4	33.5
12I246/920	09:44:35	SUN	77.5	80.0	10	.12	1	3	136.4	34.3
12I247/920	10:19:35	SUN	85.0	87.5	10	.12	1	1	144.2	39.3
12I248/920	10:24:35	SUN	85.0	87.5	10	.12	1	3	145.4	40.0
12I249/920	14:44:35	SUN	162.5	165.0	10	.12	1	1	222.2	35.3
12I250/920	14:49:35	SUN	162.5	165.0	10	.12	1	3	223.2	34.5
12I252/920	16:09:35	SUN	177.5	180.0	10	.12	1	1	236.7	20.6
12I253/920	16:14:35	SUN	177.5	180.0	10	.12	1	3	237.4	19.7
12I254/920	17:09:35	SUN	185.0	187.5	10	.12	1	1	244.1	8.9
12I255/920	17:14:35	SUN	185.0	187.5	10	.12	1	3	244.6	7.9

PHOBOS AND DEIMOS CAMERA EVENTS

VL-1 Phobos and Deimos Camera Events

VL-1
MOON IMAGES SORTED BY MOON, THEN BY FRAME COUNT

MOON	CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
D	12A178/029	00:01:40	BLU	185.0	190.0	30	.04	1	0	0.9	-44.0
D	12A179/029	02:01:40	BLU	190.0	195.0	30	.04	1	0	34.5	-36.0
D	12A180/029	04:01:40	BLU	192.5	197.5	30	.04	1	0	55.5	-16.0
P	12A176/028	21:51:07	BLU	55.0	60.0	30	.04	1	2	316.3	-29.0
P	12A177/028	22:11:46	BLU	47.5	52.5	20	.04	1	1	320.3	-32.0
P	11B001/032	23:08:25	IR2	232.5	237.5	30	.04	1	0	333.4	-40.0
P	11B002/032	23:09:57	RED	232.5	237.5	30	.04	1	0	333.8	-40.0
P	11B003/032	23:11:29	BLU	232.5	237.5	30	.04	1	1	334.2	-40.0
P	11B004/032	23:13:01	IR3	232.5	235.0	30	.04	1	0	334.7	-40.0
P	11B005/032	23:14:33	IR1	230.0	235.0	30	.04	1	0	335.1	-40.0
P	11B006/032	23:16:05	SURV	230.0	235.0	20	.04	1	0	335.5	-40.0
P	11B007/032	23:18:25	IR2	230.0	235.0	20	.04	1	0	336.1	-41.0
P	11B008/032	23:19:57	RED	230.0	232.5	20	.04	1	0	336.5	-41.0
P	11B009/032	23:21:29	BLU	227.5	232.5	20	.04	1	1	336.9	-41.0
P	11B010/032	23:23:25	GRN	227.5	232.5	20	.04	1	0	337.5	-41.0
P	11B011/032	23:27:25	IR2	227.5	230.0	20	.04	1	0	338.6	-41.0
P	11B012/032	23:28:57	RED	225.0	230.0	20	.04	1	0	339.0	-42.0
P	11B013/032	23:30:29	BLU	225.0	230.0	20	.04	1	0	339.5	-42.0
P	12B074/040	00:44:25	BLU	192.5	197.5	20	.04	1	0	14.8	-44.0
P	12B075/040	01:04:17	BLU	185.0	190.0	30	.04	1	1	20.7	-42.0
P	12B240/170	04:44:13	BLU	192.5	195.0	30	.04	1	1	85.3	-15.0
P	12B241/170	05:03:13	BLU	185.0	187.5	30	.04	1	1	87.1	-11.0
P	12B245/172	02:30:02	BLU	55.0	57.5	30	.04	1	1	69.2	-45.0
P	12B246/172	02:51:02	BLU	47.5	50.0	20	.04	1	0	72.6	-40.0
P	12C000/175	03:54:46	BLU	185.0	187.5	30	.04	1	1	81.5	-26.0
P	12C008/176	00:48:41	BLU	197.5	200.0	20	.04	1	0	42.6	-64.0
P	12C009/176	01:05:41	BLU	192.5	195.0	20	.04	1	1	49.4	-62.0
P	11H112/595	21:51:51	BLU	242.5	247.5	40	.04	1	1	312.3	-27.0
P	11H113/595	21:53:01	IR1	242.5	245.0	40	.04	1	0	312.5	-27.0
P	11H114/595	21:54:01	RED	242.5	245.0	40	.04	1	1	312.7	-28.0
P	11H115/595	21:55:01	IR3	240.0	245.0	40	.04	1	0	312.8	-28.0
P	11H116/595	21:56:11	GRN	240.0	245.0	40	.04	1	1	313.0	-28.0
P	11H117/595	21:57:21	IR2	240.0	242.5	40	.04	1	0	313.2	-28.0
P	11H118/595	21:58:21	BLU	240.0	242.5	40	.04	1	1	313.4	-28.0
P	11H119/595	22:08:01	BLU	235.0	237.5	30	.04	1	1	315.2	-30.0
P	11H120/595	22:09:01	IR1	232.5	237.5	30	.04	1	0	315.4	-30.0
P	11H121/595	22:10:11	RED	232.5	237.5	30	.04	1	0	315.6	-30.0
P	11H122/595	22:11:21	IR3	232.5	235.0	30	.04	1	0	315.8	-30.0
P	11H123/595	22:12:21	GRN	232.5	235.0	30	.04	1	1	316.0	-30.0
P	11H124/595	22:13:21	IR2	232.5	235.0	30	.04	1	0	316.2	-31.0
P	11H125/595	22:14:21	BLU	230.0	235.0	30	.04	1	1	316.4	-31.0
P	11H126/595	22:21:01	BLU	227.5	232.5	30	.04	1	1	317.7	-32.0
P	11H127/595	22:22:11	IR1	227.5	232.5	30	.04	1	0	317.9	-32.0
P	11H128/595	22:23:21	RED	227.5	232.5	30	.04	1	0	318.1	-32.0
P	11H129/595	22:24:31	IR3	227.5	230.0	30	.04	1	0	318.4	-32.0
P	11H130/595	22:25:31	GRN	227.5	230.0	30	.04	1	0	318.6	-32.0
P	11H131/595	22:26:31	IR2	227.5	230.0	30	.04	1	0	318.8	-33.0
P	11H132/595	22:27:31	BLU	225.0	230.0	30	.04	1	1	319.0	-33.0
P	11H193/614	19:42:18	CLR	212.5	262.5	10	.12	1	1	297.2	.0
P	11H247/648	03:07:23	BLU	245.0	247.5	40	.04	1	0	44.8	-26.0
P	11H250/649	00:54:47	BLU	237.5	240.0	30	.04	1	0	14.4	-41.0
P	11H253/649	23:02:47	BLU	240.0	242.5	40	.04	1	1	331.2	-37.0
P	11I000/650	20:53:12	BLU	232.5	235.0	30	.04	1	1	307.3	-17.0
P	11I004/652	04:19:02	BLU	250.0	252.5	40	.04	1	0	55.4	-13.0
P	11I034/653	02:04:26	BLU	242.5	245.0	40	.04	1	0	32.5	-35.0

TWILIGHT RESCAN CAMERA EVENTS

VL-1
TWILIGHT RESCAN CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11A021/003	18:56:00	CLR	57.5	57.5	10	.12	1	5	295.4	4.0
11A181/029	04:30:40	CLR	177.5	177.5	10	.12	1	1	59.0	-11.0
11A182/029	04:57:40	CLR	182.5	182.5	10	.12	1	5	62.0	-6.0
12B114/041	19:04:59	CLR	237.5	237.5	10	.12	1	5	293.9	.2
12B115/041	19:31:59	CLR	240.0	240.0	10	.12	1	2	296.5	-5.3
12B116/041	19:58:59	CLR	242.5	242.5	10	.12	1	1	299.4	-10.0
12C052/183	17:58:34	CLR	207.5	207.5	10	.12	1	5	264.5	.6
12C053/183	18:20:04	CLR	210.0	210.0	10	.12	1	3	266.4	-4.2
12C054/183	18:41:34	CLR	212.5	212.5	10	.12	1	1	268.4	-9.0
11C088/208	05:08:53	CLR	217.5	217.5	10	.12	1	1	96.2	-13.0
11C089/208	05:30:23	CLR	220.0	220.0	10	.12	1	3	98.1	-9.0
11C090/208	05:51:53	CLR	220.0	220.0	10	.12	1	5	100.0	-4.2
12C169/239	17:41:10	CLR	195.0	195.0	10	.12	1	4	249.9	2.1
12C170/239	18:07:40	CLR	197.5	197.5	10	.12	1	2	252.3	-3.5
12C171/239	18:34:10	CLR	197.5	197.5	10	.12	1	0	254.5	-9.3
12C172/240	05:18:35	CLR	47.5	47.5	10	.12	1	0	103.0	-16.0
12C173/240	05:45:05	CLR	50.0	50.0	10	.12	1	2	105.1	-10.0
12C174/240	06:11:35	CLR	52.5	52.5	10	.12	1	4	107.4	-4.7
12D068/289	18:04:17	CLR	187.5	187.5	10	.12	1	4	243.3	.8
12D069/289	18:30:47	CLR	190.0	190.0	10	.12	1	2	245.6	-4.6
12D070/289	18:57:17	CLR	192.5	192.5	10	.12	1	0	247.7	-10.0
12D071/290	06:01:43	CLR	55.0	55.0	10	.12	1	0	110.4	-15.0
12D072/290	06:28:13	CLR	57.5	57.5	10	.12	1	2	112.4	-9.8
12D073/290	06:54:43	CLR	60.0	60.0	10	.12	1	4	114.5	-4.4
11E019/340	06:27:59	CLR	227.5	227.5	10	.12	1	0	108.6	-16.0
11E020/340	06:53:59	CLR	230.0	230.0	10	.12	1	1	110.5	-11.0
11E021/340	07:19:59	CLR	232.5	232.5	10	.12	1	2	112.6	-5.5
12E025/340	18:44:59	CLR	187.5	187.5	10	.12	1	2	245.2	.0
12E026/340	19:10:59	CLR	190.0	190.0	10	.12	1	1	247.4	-5.4
12E027/340	19:36:59	CLR	192.5	192.5	10	.12	1	0	249.5	-10.0
11E067/348	17:43:38	CLR	182.5	182.5	10	.12	1	2	239.1	13.4
11E068/348	18:43:38	CLR	185.0	185.0	10	.12	1	1	245.5	1.5
11E069/348	19:03:38	CLR	187.5	187.5	10	.12	1	0	247.3	-2.7
11E070/348	19:20:29	CLR	187.5	187.5	10	.12	1	0	248.8	-6.2
12E154/372	06:32:59	CLR	47.5	47.5	10	.12	1	0	103.4	-16.0
12E155/372	06:59:29	CLR	50.0	50.0	10	.12	1	1	105.5	-11.0
12E156/372	07:25:59	CLR	52.5	52.5	10	.12	1	2	107.7	.0
12E163/372	19:03:29	CLR	192.5	192.5	10	.12	1	2	249.8	.6
12E164/372	19:29:59	CLR	195.0	195.0	10	.12	1	1	252.2	.0
12E165/372	19:56:29	CLR	197.5	197.5	10	.12	1	0	254.4	-10.0
12E230/389	06:25:32	CLR	42.5	42.5	10	.12	1	0	99.5	-18.0
12E231/389	06:55:32	CLR	45.0	45.0	10	.12	1	1	101.9	-11.0
12E232/389	07:25:32	CLR	47.5	47.5	10	.12	1	3	104.5	-4.9
12E237/389	19:10:32	CLR	195.0	195.0	10	.12	1	3	253.1	1.1
12E238/389	19:40:32	CLR	197.5	197.5	10	.12	1	1	255.8	-5.4
12E239/389	20:10:31	CLR	200.0	200.0	10	.12	1	0	258.4	-12.0
12F026/396	07:18:26	CLR	225.0	225.0	10	.12	1	0	102.5	.0
12F027/396	07:48:26	CLR	227.5	227.5	10	.12	1	2	105.1	.4
12F028/396	08:18:26	CLR	230.0	230.0	10	.12	1	3	108.0	6.9
11F042/396	18:23:26	CLR	190.0	190.0	10	.12	1	3	249.6	11.8
11F043/396	18:53:26	CLR	192.5	192.5	10	.12	1	2	252.7	5.4
11F044/396	19:23:26	CLR	195.0	195.0	10	.12	1	0	255.5	.0
12F061/402	06:24:39	CLR	40.0	40.0	10	.12	1	0	96.7	-17.0
12F062/402	06:51:49	CLR	42.5	42.5	10	.12	1	2	99.0	-11.0
12F063/402	07:18:59	CLR	45.0	45.0	10	.12	1	4	101.3	.0
12F069/402	19:15:59	CLR	200.0	200.0	10	.12	1	4	255.9	1.1
12F070/402	19:43:09	CLR	202.5	202.5	10	.12	1	2	258.4	.0
12F071/402	20:10:19	CLR	205.0	205.0	10	.12	1	0	260.8	-10.0
12F175/433	19:28:03	CLR	205.0	205.0	10	.12	1	4	263.5	.3
12F176/433	19:55:15	CLR	207.5	207.5	10	.12	1	2	266.0	.0
12F177/433	20:22:27	CLR	210.0	210.0	10	.12	1	0	268.5	-11.0
11G017/474	05:50:36	CLR	200.0	200.0	10	.12	1	0	79.8	-16.0
11G018/474	06:16:41	CLR	202.5	202.5	10	.12	1	2	82.4	-10.0
11G019/474	06:42:46	CLR	205.0	205.0	10	.12	1	4	84.9	.0
11G074/488	05:36:23	CLR	195.0	195.0	10	.12	1	0	76.0	-17.0
11G075/488	06:02:28	CLR	197.5	197.5	10	.12	1	2	78.8	-11.0
11G076/488	06:28:33	CLR	200.0	200.0	10	.12	1	4	81.3	.0
11G185/526	05:17:03	CLR	190.0	190.0	10	.12	1	1	68.9	-15.0
11G186/526	05:43:08	CLR	190.0	190.0	10	.12	1	2	71.7	.0

VL-1
TWILIGHT RESCAN CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11G187/526	06:09:13	CLR	192.5	192.5	10	.12	1	4	74.3	.0
11G191/526	19:27:03	CLR	42.5	42.5	10	.12	1	4	283.6	.9
11G192/526	19:53:08	CLR	45.0	45.0	10	.12	1	2	286.0	.0
11G193/526	20:19:13	CLR	50.0	50.0	10	.12	1	1	288.7	-10.0
11H022/557	19:29:50	CLR	47.5	47.5	10	.12	1	4	289.3	.0
11H023/557	19:55:55	CLR	50.0	50.0	10	.12	1	2	291.8	.0
11H024/557	20:22:00	CLR	55.0	55.0	10	.12	1	1	294.5	-11.0
11H067/579	04:36:55	CLR	180.0	180.0	10	.12	1	1	59.4	-15.0
11H068/579	05:03:00	CLR	182.5	182.5	10	.12	1	3	62.5	-10.0
11H069/579	05:29:05	CLR	185.0	185.0	10	.12	1	5	65.2	.0
12I057/684	19:11:59	CLR	242.5	242.5	10	.12	1	4	295.9	.2
12I058/684	19:49:59	CLR	245.0	245.0	10	.12	1	1	299.6	.0
11I061/690	04:34:00	CLR	180.0	180.0	10	.12	1	2	58.8	-10.0
11I062/690	05:12:00	CLR	182.5	182.5	10	.12	1	4	62.8	.0
12I090/721	19:00:59	CLR	237.5	237.5	10	.12	1	4	292.5	.2
12I091/721	19:38:59	CLR	242.5	242.5	10	.12	1	1	296.3	.0
11I094/727	04:34:00	CLR	182.5	182.5	10	.12	1	2	62.4	-11.0
11I095/727	05:12:00	CLR	187.5	187.5	10	.12	1	5	66.4	.0
12I123/758	18:43:59	CLR	232.5	232.5	10	.12	1	4	286.7	.5
12I124/758	19:21:59	CLR	235.0	235.0	10	.12	1	1	290.4	-7.6
11I127/764	04:33:59	CLR	190.0	190.0	10	.12	1	2	68.1	-12.0
11I128/764	05:11:59	CLR	192.5	192.5	10	.12	1	4	72.1	-4.6
12I156/795	18:26:59	CLR	225.0	225.0	10	.12	1	4	279.1	.2
12I157/795	19:04:59	CLR	227.5	227.5	10	.12	1	1	282.7	-8.2
11I160/801	04:33:58	CLR	197.5	197.5	10	.12	1	1	75.6	-14.0
11I161/801	05:11:58	CLR	200.0	200.0	10	.12	1	4	79.4	-6.4
12I190/832	18:07:59	CLR	215.0	215.0	10	.12	1	4	269.8	.4
12I191/832	18:45:59	CLR	217.5	217.5	10	.12	1	1	273.3	-8.2
11I194/838	04:33:59	CLR	207.5	207.5	10	.12	1	1	84.2	-17.0
11I195/838	05:11:59	CLR	210.0	210.0	10	.12	1	4	87.8	-9.0
12J000/920	17:54:35	CLR	192.5	192.5	10	.12	1	4	248.5	-.4
12J001/920	18:34:35	CLR	195.0	195.0	10	.12	1	3	252.0	-8.9
12J002/920	19:14:35	CLR	197.5	197.5	10	.12	1	1	255.0	-17.0

OTHER RESCAN CAMERA EVENTS

VL-1 Other Rescan Camera Events

VL-1
RESCAN CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL	RESCANTO
11C085/207	15:41:38	BB2	160.0	250.0	-30	.04	1	3	243.4	28.2	449
12C179/240	14:32:54	SURV	7.5	320.0	-10	.12	1	3	222.5	37.7	207
12C192/255	14:30:00	SURV	20.0	20.0	-10	.04	1	3	218.1	37.2	755
11C232/269	07:41:58	CLR	210.0	210.0	-20	.12	1	2	118.8	8.8	71
12C233/269	08:41:58	CLR	35.0	35.0	-20	.12	1	3	126.2	20.2	71
11C234/269	09:41:58	CLR	210.0	210.0	-20	.12	1	3	136.0	30.4	71
12C235/269	10:41:58	CLR	35.0	35.0	-20	.12	1	4	149.0	38.7	71
11C236/269	11:41:58	CLR	210.0	210.0	-20	.12	1	4	165.5	43.9	71
12C237/269	12:41:59	CLR	35.0	35.0	-20	.12	1	4	184.4	45.1	71
11C238/269	13:41:59	CLR	210.0	210.0	-20	.12	1	4	202.5	41.9	71
12C239/269	14:41:59	CLR	35.0	35.0	-20	.12	1	4	217.4	35.1	71
11C240/269	16:13:59	CLR	210.0	210.0	-20	.12	1	2	233.7	20.3	71
11D005/271	10:33:34	SURV	.0	330.0	-30	.12	1	3	146.8	37.3	2715
11D006/271	11:18:42	BLU	130.0	200.0	0	.04	1	3	158.5	42.0	35
11D007/271	11:25:43	GRN	130.0	200.0	0	.04	1	3	160.5	42.6	35
11D008/271	11:32:44	RED	130.0	200.0	0	.04	1	3	162.5	43.1	35
11D051/283	10:48:25	BLU	195.0	262.5	0	.04	1	3	149.2	37.1	444
11D052/283	10:56:40	GRN	195.0	262.5	0	.04	1	3	151.2	38.1	444
11D053/283	11:04:55	RED	195.0	262.5	0	.04	1	3	153.2	38.9	444
12D087/295	10:22:28	BLU	75.0	185.0	0	.04	1	3	142.0	32.2	53
12D088/295	10:33:06	GRN	75.0	185.0	0	.04	1	3	144.3	33.6	53
11D185/318	11:05:17	BB2	275.0	305.0	-30	.04	1	3	147.8	35.7	45
12D186/318	11:08:47	BB2	82.5	112.5	-30	.04	1	3	148.6	36.1	45
11D203/323	10:51:02	BB2	275.0	305.0	-30	.04	1	3	143.7	33.6	45
12D204/323	10:54:32	BB2	82.5	112.5	-30	.04	1	3	144.5	34.1	45
12E034/343	08:17:00	CLR	230.0	295.0	10	.12	1	3	117.4	5.9	134
12E035/343	08:24:54	IR	230.0	295.0	10	.12	1	3	118.2	7.5	134
12E036/343	08:32:48	CLR	230.0	295.0	10	.12	1	3	119.1	9.1	134
11E066/348	13:59:59	SURV	220.0	220.0	-30	.12	1	3	192.8	44.7	64
12E076/350	09:12:58	CLR	215.0	265.0	10	.12	1	1	122.7	16.6	501
11E077/350	09:44:46	BB4	60.0	160.0	0	.04	1	3	127.1	22.5	528
12E117/364	11:29:54	SURV	305.0	305.0	-30	.12	1	3	144.5	39.7	56
12E126/367	07:28:52	CLR	215.0	265.0	10	.12	1	0	108.9	-4.7	501
12E127/367	07:39:20	CLR	215.0	265.0	10	.12	1	0	109.8	-2.5	501
12E128/367	08:11:09	CLR	210.0	270.0	10	.12	1	0	112.8	4.2	508
12E129/367	08:22:35	CLR	210.0	270.0	10	.12	1	1	113.9	6.6	508
12E130/367	08:34:01	CLR	210.0	270.0	10	.12	1	1	115.1	8.9	508
12F033/396	11:29:59	BB1	302.5	302.5	-30	.04	1	4	138.2	43.5	107
12F034/396	13:59:59	BB1	302.5	302.5	-30	.04	1	4	190.9	53.3	107
11F119/416	14:30:09	CLR	330.0	330.0	-20	.12	1	4	205.0	55.2	280
12F125/419	17:20:04	CLR	35.0	35.0	-10	.12	1	4	246.4	27.2	280
12F136/423	18:17:17	CLR	310.0	310.0	-10	.12	1	3	254.3	15.4	281
11H005/551	13:44:14	CLR	200.0	267.5	-30	.12	1	4	248.7	76.5	29
12H006/551	13:51:14	BB4	75.0	110.0	-10	.04	1	5	251.4	75.0	94
11I040/656	14:53:36	BB2	207.5	242.5	-30	.04	1	4	281.6	56.7	61
11I060/688	17:00:13	BB3	155.0	182.5	-10	.04	1	4	286.0	27.8	70
12I073/693	13:07:42	BB4	15.0	125.0	-10	.04	1	4	278.5	79.0	169
11I092/725	15:35:47	BB3	155.0	182.5	-10	.04	1	4	277.2	44.5	70
11I093/725	16:00:29	BB2	207.5	242.5	-30	.04	1	4	278.8	39.0	61
11I126/762	14:30:28	BB4	220.0	305.0	-10	.04	1	4	263.5	56.6	124
11I139/767	10:22:29	BB4	32.5	220.0	-10	.04	1	4	104.1	64.3	107
12I158/799	12:31:55	BB4	15.0	125.0	-10	.04	1	4	205.9	73.9	170
12I172/804	08:50:19	BB4	15.0	125.0	-10	.04	1	4	101.9	42.3	170
12I192/836	10:48:40	BB1	57.5	167.5	-50	.04	1	4	141.8	61.3	61
12I193/836	11:20:40	BB4	125.0	260.0	-10	.04	1	4	157.1	65.0	149
12I206/841	07:20:43	BB4	15.0	125.0	-10	.04	1	4	100.9	19.5	169

LOW DATA RATE CAMERA EVENTS

VL-1 Low Data Rate Camera Events

VL-1
LOW DATA RATE CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12A004/001	10:36:27	SURV	132.5	150.0	-30	.12	1	4	78.5	66.6
12A012/002	08:00:27	SURV	132.5	150.0	-30	.12	1	4	74.2	32.8
12A016/003	09:10:27	BB1	125.0	132.5	-50	.04	1	4	77.6	48.1
12A026/004	09:00:27	SURV	132.5	150.0	-30	.12	1	4	77.3	45.9
12A031/005	08:10:27	BB1	125.0	132.5	-50	.04	1	4	75.1	36.1
12A039/006	07:24:27	BB1	125.0	132.5	-50	.04	1	4	72.2	25.2
12A050/007	11:36:27	SURV	20.0	37.5	-30	.12	1	4	76.7	80.3
12A064/008	12:12:27	SURV	20.0	37.5	-30	.12	1	4	36.6	87.6
12A070/010	10:10:27	BB1	110.0	117.5	-40	.04	1	4	80.1	61.5
12A080/012	10:00:27	BB3	22.5	30.0	-20	.04	1	4	80.0	59.4
12A092/013	09:06:27	SURV	132.5	150.0	-30	.12	1	4	78.1	47.5
11A098/014	10:10:27	BB2	212.5	220.0	-30	.04	1	4	80.5	61.7
12A104/016	09:00:27	BB1	110.0	117.5	-40	.04	1	4	78.1	46.3
12A106/017	10:00:27	SURV	32.5	57.5	-10	.12	1	4	80.5	59.6
12A109/018	12:10:27	BB1	295.0	302.5	-30	.04	1	5	43.4	88.0
12A113/019	08:48:27	SURV	32.5	57.5	-10	.12	1	4	77.7	43.8
11A117/020	08:46:27	CLR	212.5	220.0	-30	.12	1	4	77.7	43.3
12A126/021	10:00:27	BB1	295.0	302.5	-30	.04	1	5	81.0	59.7
11A130/022	10:10:27	BB3	295.0	305.0	-20	.04	1	4	81.5	61.9
12A139/024	09:36:27	BB3	105.0	115.0	-30	.04	1	4	80.5	54.4
12A145/026	10:00:27	SURV	282.5	307.5	-30	.12	1	4	81.7	59.7
11A159/027	09:34:27	BB3	155.0	165.0	-10	.04	1	3	80.7	53.9
11A166/028	10:10:09	BLU	155.0	180.0	10	.12	1	5	82.0	61.2
11A202/029	10:30:06	BB1	237.5	245.0	-50	.04	1	4	82.8	65.7
12A236/030	10:00:07	BB1	125.0	132.5	-50	.04	1	4	81.9	59.0
12A241/031	08:30:27	BB1	125.0	132.5	-50	.04	1	4	77.8	39.1
11A253/032	11:28:27	BB1	205.0	207.5	-40	.04	1	4	84.4	78.8
11B015/033	09:36:26	CLR	212.5	222.5	-30	.12	1	4	81.3	53.8
11B018/034	09:04:27	CLR	212.5	222.5	-30	.12	1	4	79.9	46.7
12B038/035	09:36:27	SURV	132.5	150.0	-30	.12	1	4	81.6	53.8
12B057/036	09:00:27	BB1	132.5	135.0	-50	.04	1	4	80.0	45.9
12B065/038	09:30:27	BB1	132.5	135.0	-50	.04	1	4	81.8	52.6
11B068/039	08:06:27	BB4	240.0	250.0	-10	.04	1	4	77.4	34.0
12B077/040	08:30:26	BB2	107.5	117.5	-30	.04	1	4	78.9	39.3
12B100/041	08:12:26	BB2	107.5	117.5	-30	.04	1	4	77.9	35.3
11B117/042	11:30:27	BB3	297.5	307.5	-20	.04	1	4	89.2	79.6
11C232/269	07:41:58	CLR	210.0	210.0	-20	.12	1	2	118.8	8.8
12C233/269	08:41:58	CLR	35.0	35.0	-20	.12	1	3	126.2	20.2
11C234/269	09:41:58	CLR	210.0	210.0	-20	.12	1	3	136.0	30.4
12C235/269	10:41:58	CLR	35.0	35.0	-20	.12	1	4	149.0	38.7
11C236/269	11:41:58	CLR	210.0	210.0	-20	.12	1	4	165.5	43.9
12C237/269	12:41:59	CLR	35.0	35.0	-20	.12	1	4	184.4	45.1
11C238/269	13:41:59	CLR	210.0	210.0	-20	.12	1	4	202.5	41.9
12C239/269	14:41:59	CLR	35.0	35.0	-20	.12	1	4	217.4	35.1
11C240/269	16:13:59	CLR	210.0	210.0	-20	.12	1	2	233.7	20.3
12E052/344	13:36:18	BB2	105.0	115.0	-40	.04	1	4	185.9	45.1
11E066/348	13:59:59	SURV	220.0	220.0	-30	.12	1	3	192.8	44.7
12E111/362	16:06:20	BB2	105.0	115.0	-40	.04	1	4	225.0	33.0
12E117/364	11:29:54	SURV	305.0	305.0	-30	.12	1	3	144.5	39.7
12E133/367	16:36:19	BB2	105.0	115.0	-40	.04	1	4	230.9	28.9
12F033/396	11:29:59	BB1	302.5	302.5	-30	.04	1	4	138.2	43.5
12F034/396	13:59:59	BB1	302.5	302.5	-30	.04	1	4	190.9	53.3
11G210/533	08:48:50	BB2	250.0	260.0	-30	.04	1	4	87.0	32.4
12G211/534	09:08:50	BB4	97.5	107.5	0	.04	1	3	88.6	37.0
11G243/547	07:54:50	BB2	250.0	260.0	-30	.04	1	3	80.7	22.1

NIGHT CAMERA EVENTS

VL-1 Night Camera Events

VL-1
NIGHT CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12B240/170	04:44:13	BLU	192.5	195.0	30	.04	1	1	85.3	-15.0
12B241/170	05:03:13	BLU	185.0	187.5	30	.04	1	1	87.1	-11.0
12B245/172	02:30:02	BLU	55.0	57.5	30	.04	1	1	69.2	-45.0
12B246/172	02:51:02	BLU	47.5	50.0	20	.04	1	0	72.6	-40.0
12C000/175	03:54:46	BLU	185.0	187.5	30	.04	1	1	81.5	-26.0
12C008/176	00:48:41	BLU	197.5	200.0	20	.04	1	0	42.6	-64.0
12C009/176	01:05:41	BLU	192.5	195.0	20	.04	1	1	49.4	-62.0
11C180/246	05:21:58	RED	130.0	250.0	-10	.04	1	4	104.2	-16.0
11C185/247	04:06:45	RED	130.0	250.0	-10	.04	1	4	98.9	-33.0
11C227/268	03:22:59	BLU	130.0	200.0	0	.04	1	3	99.6	-46.0
11C231/269	01:55:23	RED	180.0	320.0	-10	.12	1	0	95.5	-65.0
11D156/309	03:19:04	SURV	207.5	335.0	-10	.12	1	3	102.0	-53.0
12E007/337	18:41:35	BLU	185.0	187.5	10	.12	1	2	244.7	.2
12E008/337	18:42:59	GRN	185.0	187.5	10	.12	1	2	244.8	-.1
12E009/337	18:44:59	BLU	185.0	187.5	10	.12	1	1	245.0	-.5
12E010/337	18:46:59	GRN	185.0	187.5	10	.12	1	1	245.2	-.9
12E011/337	19:17:59	BLU	185.0	187.5	10	.12	1	0	247.9	-7.3
12E012/337	19:19:59	GRN	185.0	187.5	10	.12	1	1	248.0	-7.7
12E064/347	22:22:22	CLR	230.0	295.0	10	.12	1	3	260.7	-45.0
11E110/360	01:08:18	SURV	.0	300.0	10	.12	1	0	22.7	-88.0
11E153/371	21:34:44	SURV	.0	300.0	10	.12	1	0	261.6	-32.0
12E188/379	07:50:19	CLR	25.0	157.5	10	.12	1	1	108.6	.0
11E201/383	21:08:51	SURV	.0	300.0	10	.12	1	0	261.9	-25.0
12F009/391	07:17:36	CLR	25.0	157.5	10	.12	1	1	103.4	-6.6
12F010/391	07:30:18	CLR	25.0	157.5	10	.12	1	2	104.5	-3.8
12F025/396	01:34:22	CLR	25.0	157.5	10	.12	1	1	31.9	-80.0
12F047/398	00:09:27	CLR	25.0	157.5	10	.12	1	1	298.3	-72.0
12F056/400	21:08:45	SUN	85.0	105.0	30	.04	1	0	265.3	-24.0
12F072/403	06:52:42	CLR	27.5	250.0	10	.12	1	1	98.9	-11.0
12F073/403	07:13:18	CLR	27.5	250.0	10	.12	1	2	100.6	.0
11G102/503	00:10:05	BB2	240.0	330.0	-30	.04	1	4	342.5	-57.0
11H112/595	21:51:51	BLU	242.5	247.5	40	.04	1	1	312.3	-27.0
11H113/595	21:53:01	IR1	242.5	245.0	40	.04	1	0	312.5	-27.0
11H114/595	21:54:01	RED	242.5	245.0	40	.04	1	1	312.7	-28.0
11H115/595	21:55:01	IR3	240.0	245.0	40	.04	1	0	312.8	-28.0
11H116/595	21:56:11	GRN	240.0	245.0	40	.04	1	1	313.0	-28.0
11H117/595	21:57:21	IR2	240.0	242.5	40	.04	1	0	313.2	-28.0
11H118/595	21:58:21	BLU	240.0	242.5	40	.04	1	1	313.4	-28.0
11H119/595	22:08:01	BLU	235.0	237.5	30	.04	1	1	315.2	-30.0
11H120/595	22:09:01	IR1	232.5	237.5	30	.04	1	0	315.4	-30.0
11H121/595	22:10:11	RED	232.5	237.5	30	.04	1	0	315.6	-30.0
11H122/595	22:11:21	IR3	232.5	235.0	30	.04	1	0	315.8	-30.0
11H123/595	22:12:21	GRN	232.5	235.0	30	.04	1	1	316.0	-30.0
11H124/595	22:13:21	IR2	232.5	235.0	30	.04	1	0	316.2	-31.0
11H125/595	22:14:21	BLU	230.0	235.0	30	.04	1	1	316.4	-31.0
11H126/595	22:21:01	BLU	227.5	232.5	30	.04	1	1	317.7	-32.0
11H127/595	22:22:11	IR1	227.5	232.5	30	.04	1	0	317.9	-32.0
11H128/595	22:23:21	RED	227.5	232.5	30	.04	1	0	318.1	-32.0
11H129/595	22:24:31	IR3	227.5	230.0	30	.04	1	0	318.4	-32.0
11H130/595	22:25:31	GRN	227.5	230.0	30	.04	1	0	318.6	-32.0
11H131/595	22:26:31	IR2	227.5	230.0	30	.04	1	0	318.8	-33.0
11H132/595	22:27:31	BLU	225.0	230.0	30	.04	1	1	319.0	-33.0
11H193/614	19:42:18	CLR	212.5	262.5	10	.12	1	1	297.2	.0
11H247/648	03:07:23	BLU	245.0	247.5	40	.04	1	0	44.8	-26.0
11H250/649	00:54:47	BLU	237.5	240.0	30	.04	1	0	14.4	-41.0
11H253/649	23:02:47	BLU	240.0	242.5	40	.04	1	1	331.2	-37.0
11I000/650	20:53:12	BLU	232.5	235.0	30	.04	1	1	307.3	-17.0
11I004/652	04:19:02	BLU	250.0	252.5	40	.04	1	0	55.4	-13.0
11I034/653	02:04:26	BLU	242.5	245.0	40	.04	1	0	32.5	-35.0

CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

VL-1
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11A019/003	14:40:55	CAL	170.0	170.0	-40			0	280.8	59.0
11A024/004	07:27:07	CAL	170.0	170.0	-40			0	72.3	24.8
11A041/006	12:20:00	BB1	.0	5.0	0	.12	1	4	355.6	88.0
11A049/007	07:14:41	CAL	170.0	170.0	-40			0	71.6	22.2
11A053/007	17:42:54	CAL	170.0	170.0	-40			0	289.2	19.2
11A094/013	12:00:40	CAL	170.0	170.0	-40			0	66.7	85.1
11A161/027	12:50:01	BB1	.0	5.0	0	.12	1	4	277.5	82.4
11A162/027	12:49:43	CAL	170.0	170.0	-40			0	279.7	83.0
11A191/029	07:55:23	CAL	170.0	170.0	-40			0	75.6	31.4
11A201/029	08:17:55	CAL	170.0	170.0	-40			0	76.9	36.3
11A226/029	17:26:23	CAL	170.0	170.0	-40			0	287.0	21.7
11A234/029	17:43:55	CAL	170.0	170.0	-40			0	288.2	17.9
11B014/032	23:30:57	CAL	170.0	170.0	-40			0	339.5	-42.0
11B048/035	12:26:47	CAL	170.0	170.0	-40			0	281.3	87.9
11B131/051	12:59:59	BB1	.0	5.0	0	.12	1	4	265.4	79.9
11B132/051	13:03:59	BB1	.0	5.0	0	.12	1	4	266.1	79.0
11B133/051	13:04:09	CAL	170.0	170.0	-40			0	266.1	78.9
11B156/071	12:59:40	BB1	.0	5.0	0	.12	1	4	253.1	78.6
11B157/071	13:03:39	BB1	.0	5.0	0	.12	1	4	254.6	77.7
11B158/071	13:03:49	CAL	170.0	170.0	-40			0	254.6	77.7
11B181/091	12:59:59	BB1	.0	5.0	0	.12	1	4	241.7	76.5
11B182/091	13:04:00	BB1	.0	5.0	0	.12	1	4	243.7	75.6
11B183/091	13:04:10	CAL	170.0	170.0	-40			0	243.8	75.6
11B247/172	07:59:59	BB1	.0	5.0	0	.12	1	4	105.3	28.2
11B248/172	08:00:10	CAL	170.0	170.0	-40			0	105.3	28.2
11C025/180	07:59:59	BB1	.0	5.0	0	.12	1	4	107.3	27.3
11C026/180	08:00:10	CAL	170.0	170.0	-40			0	107.3	27.3
11C047/183	09:30:29	CAL	170.0	170.0	-40			0	122.9	45.3
11C067/197	09:29:59	BB1	.0	5.0	0	.12	1	4	126.2	42.9
11C068/197	09:30:10	CAL	170.0	170.0	-40			0	126.2	42.8
11C116/211	06:59:59	BB1	.0	5.0	0	.12	1	4	107.1	10.3
11C117/211	07:00:10	CAL	170.0	170.0	-40			0	107.1	10.2
11C149/232	06:59:59	BB1	.0	5.0	0	.12	1	4	110.7	6.9
11C150/232	07:00:10	CAL	170.0	170.0	-40			0	110.7	6.9
11C156/232	13:09:59	BB1	.0	5.0	0	.12	1	4	201.8	48.8
11C157/232	13:10:10	CAL	170.0	170.0	-40			0	201.9	48.8
11C160/239	07:00:00	BB1	.0	5.0	0	.12	1	4	111.7	5.8
11C161/239	07:00:11	CAL	170.0	170.0	-40			0	111.7	5.7
11C218/263	06:59:59	BB1	.0	5.0	0	.12	1	4	114.2	1.5
11C219/263	07:00:10	CAL	170.0	170.0	-40			0	114.2	1.4
11D016/277	06:59:59	BB1	.0	5.0	0	.12	1	4	114.9	-1.1
11D017/277	07:00:10	CAL	170.0	170.0	-40			0	114.8	.0
11D045/283	06:59:59	BB1	.0	5.0	0	.12	1	4	115.0	-2.1
11D046/283	07:00:10	CAL	170.0	170.0	-40			0	115.0	.0
11D054/287	12:59:59	BB1	.0	5.0	0	.12	1	4	186.0	43.3
11D055/287	13:04:59	BB1	.0	5.0	0	.12	1	4	187.5	43.2
11D077/292	12:59:59	BB1	.0	5.0	0	.12	1	4	184.9	43.1
11D078/292	13:04:59	BB1	.0	5.0	0	.12	1	4	186.4	43.0
11D129/303	07:00:00	BB1	.0	5.0	0	.12	1	4	114.6	-5.4
11D130/303	07:00:11	CAL	170.0	170.0	-40			0	114.5	.0
11D167/316	14:59:59	BB1	.0	5.0	0	.12	1	4	212.7	35.3
11D170/316	17:59:59	BB1	.0	5.0	0	.12	1	4	240.7	5.3
11D172/316	19:59:59	BB1	.0	5.0	0	.12	1	4	250.6	-19.0
11D174/316	22:59:59	BB1	.0	5.0	0	.12	1	4	258.9	-58.0
11D177/317	05:04:59	BB1	.0	5.0	0	.12	1	4	106.0	-31.0
11D178/317	06:59:59	BB1	.0	5.0	0	.12	1	4	113.6	-7.3
11D179/317	07:00:10	CAL	170.0	170.0	-40			0	113.6	.0
11D220/326	07:00:00	BB1	.0	5.0	0	.12	1	4	112.7	-8.4
11D221/326	07:00:11	CAL	170.0	170.0	-40			0	112.7	.0
11E055/346	07:00:00	BB1	.0	5.0	0	.12	1	4	110.1	-10.0
11E056/346	07:00:10	CAL	170.0	170.0	-40			0	110.0	-10.0
11E112/364	06:59:54	BB1	.0	5.0	0	.12	1	4	107.0	-10.0
11E113/364	07:00:04	CAL	170.0	170.0	-40			0	107.0	-10.0
11E202/384	06:59:59	BB1	.0	5.0	0	.12	1	4	103.3	-10.0
11E203/384	07:00:09	CAL	170.0	170.0	-40			0	103.3	-10.0
11F015/393	06:59:59	BB1	.0	5.0	0	.12	1	4	101.5	-10.0
11F016/393	07:00:09	CAL	170.0	170.0	-40			0	101.5	-10.0
11F094/408	15:00:00	BB1	.0	5.0	0	.12	1	4	214.0	50.4

VL-1
CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
11F095/408	14:59:42	CAL	170.0	170.0	-40			0	213.9	50.5
11F139/426	06:59:50	BB1	.0	5.0	0	.12	1	4	95.0	.0
11F140/426	06:59:32	CAL	170.0	170.0	-40			0	95.0	.0
11F147/428	13:10:00	BB1	.0	5.0	0	.12	1	4	169.9	60.3
11F148/428	13:09:42	CAL	170.0	170.0	-40			0	169.8	60.3
11F219/454	09:10:01	BB1	.0	5.0	0	.12	1	4	102.7	25.2
11F220/454	09:09:43	CAL	170.0	170.0	-40			0	102.7	25.1
11F250/470	08:59:01	BB1	.0	5.0	0	.12	1	4	98.6	25.2
11F251/470	08:58:43	CAL	170.0	170.0	-40			0	98.5	25.2
11F253/470	09:01:46	BB1	.0	5.0	0	.12	1	4	98.9	25.8
11F254/470	09:01:28	CAL	170.0	170.0	-40			0	98.8	25.8
11G062/484	07:00:00	BB1	.0	5.0	0	.12	1	4	84.9	.7
11G063/484	06:59:42	CAL	170.0	170.0	-40			0	84.8	.6
11G132/511	06:58:29	CAL	170.0	172.5	0		2	2	80.8	4.5
11G133/511	06:59:59	BB1	.0	5.0	0	.12	1	4	80.9	4.9
11G134/511	07:00:09	CAL	170.0	170.0	-40			0	80.9	4.9
11G135/511	07:01:29	CAL	170.0	172.5	0		2	2	81.0	5.2
11G179/525	06:59:59	BB1	.0	5.0	0	.12	1	4	79.0	6.9
11G180/525	07:00:09	CAL	170.0	170.0	-40			0	79.1	7.0
11G246/550	07:01:58	BB1	.0	5.0	0	.12	1	4	76.2	10.8
11G247/550	07:02:08	CAL	170.0	170.0	-40			0	76.2	10.8
11H044/571	07:00:37	BB1	.0	5.0	0	.12	1	4	73.9	12.9
11H045/571	07:00:47	CAL	170.0	170.0	-40			0	74.0	13.0
11H106/594	07:00:06	BB1	.0	5.0	0	.12	1	4	72.0	15.0
11H107/594	07:00:16	CAL	170.0	170.0	-40			0	72.0	15.1
11H140/600	06:59:59	BB1	.0	5.0	0	.12	1	4	71.6	15.5
11H221/623	10:29:59	BB1	.0	5.0	0	.12	1	4	80.4	63.0
11H222/623	10:30:09	CAL	170.0	170.0	-40			0	80.4	63.0
11I011/652	06:59:02	BB1	.0	5.0	0	.12	1	4	70.0	18.2
11I012/652	06:59:12	CAL	170.0	170.0	-40			0	70.0	18.3
11I045/666	12:29:59	BB1	.0	5.0	0	.12	1	4	327.2	87.1
11I046/666	12:30:09	CAL	170.0	170.0	-40			0	326.6	87.1
11I111/740	12:29:59	BB1	.0	5.0	0	.12	1	4	227.6	84.4
11I112/740	12:30:09	CAL	170.0	170.0	-40			0	227.9	84.4
11I178/814	12:29:59	BB1	.0	5.0	0	.12	1	4	201.6	70.8
11I179/814	12:30:09	CAL	170.0	170.0	-40			0	201.7	70.8
11J014/921	15:29:59	BB1	.0	2.5	0	.12	1	4	230.5	27.8
11J015/921	15:30:05	CAL	170.0	170.0	-40			0	230.5	27.8

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CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12A007/001	12:48:00	CAL	170.0	170.0	-40			0	293.1	83.8
12A011/002	07:26:01	CAL	170.0	170.0	-40			0	72.1	24.5
12A034/005	11:58:40	CAL	170.0	170.0	-40			0	66.2	84.3
12A042/006	12:25:00	BB1	.0	5.0	0	.12	1	4	328.2	87.6
12A044/006	12:35:00	BB1	.0	5.0	0	.12	1	4	300.0	86.0
12A063/008	12:07:54	CAL	170.0	170.0	-40			0	55.2	86.3
12A072/010	12:42:35	CAL	170.0	170.0	-40			0	293.5	84.8
12A075/011	12:00:00	BB1	.0	5.0	0	.12	1	4	66.0	85.6
12A076/011	12:04:59	BB1	.0	5.0	0	.12	1	4	58.7	86.6
12A123/020	17:13:27	CAL	170.0	170.0	-40			0	286.7	24.9
12A163/027	12:52:00	BB1	.0	5.0	0	.12	1	4	277.3	82.0
12B035/034	13:07:10	CAL	170.0	170.0	-40			0	274.7	78.9
12B134/051	13:43:59	BB1	.0	5.0	0	.12	1	4	270.7	70.0
12B135/051	13:48:00	BB1	.0	5.0	0	.12	1	4	271.0	69.1
12B136/051	13:48:10	CAL	170.0	170.0	-40			0	271.0	69.0
12B159/071	13:43:40	BB1	.0	5.0	0	.12	1	4	263.9	68.9
12B160/071	13:47:40	BB1	.0	5.0	0	.12	1	4	264.5	68.0
12B161/071	13:47:50	CAL	170.0	170.0	-40			0	264.5	67.9
12B184/091	13:43:59	BB1	.0	5.0	0	.12	1	4	256.5	67.2
12B185/091	13:48:00	BB1	.0	5.0	0	.12	1	4	257.4	66.3
12B186/091	13:48:10	CAL	170.0	170.0	-40			0	257.4	66.2
12B232/167	17:34:03	CAL	170.0	170.0	-40			0	265.8	7.6
12B242/171	12:59:59	BB1	.0	5.0	0	.12	1	4	212.6	61.9
12B243/171	13:00:10	CAL	170.0	170.0	-40			0	212.6	61.8
12C004/175	13:06:56	CAL	170.0	170.0	-40			0	214.5	60.1
12C014/178	13:07:15	CAL	170.0	170.0	-40			0	213.9	59.5
12C021/179	13:29:59	BB1	.0	5.0	0	.12	1	4	222.2	56.2
12C022/179	13:30:10	CAL	170.0	170.0	-40			0	222.2	56.1
12C073/198	13:00:00	BB1	.0	5.0	0	.12	1	4	206.2	56.1
12C074/198	13:00:11	CAL	170.0	170.0	-40			0	206.2	56.1
12C107/210	13:00:00	BB1	.0	5.0	0	.12	1	4	203.4	53.7
12C108/210	13:00:11	CAL	170.0	170.0	-40			0	203.5	53.6
12C151/232	07:09:59	BB1	.0	5.0	0	.12	1	4	111.8	9.0
12C152/232	07:10:10	CAL	170.0	170.0	-40			0	111.7	9.0
12C154/232	12:59:59	BB1	.0	5.0	0	.12	1	4	198.5	49.6
12C155/232	13:00:10	CAL	170.0	170.0	-40			0	198.5	49.5
12C165/239	12:59:59	BB1	.0	5.0	0	.12	1	4	196.9	48.4
12C166/239	13:00:10	CAL	170.0	170.0	-40			0	196.9	48.4
12C206/259	12:59:59	BB1	.0	5.0	0	.12	1	4	192.4	45.7
12C207/259	13:00:10	CAL	170.0	170.0	-40			0	192.4	45.6
12C225/267	12:59:59	BB1	.0	5.0	0	.12	1	4	190.5	44.8
12C226/267	13:00:10	CAL	170.0	170.0	-40			0	190.5	44.7
12D019/277	12:59:58	BB1	.0	5.0	0	.12	1	4	188.3	43.9
12D020/277	13:00:09	CAL	170.0	170.0	-40			0	188.3	43.9
12D041/282	12:59:59	BB1	.0	5.0	0	.12	1	4	187.1	43.6
12D042/282	13:00:10	CAL	170.0	170.0	-40			0	187.1	43.6
12D056/287	13:09:59	BB1	.0	5.0	0	.12	1	4	189.0	43.0
12D057/287	13:14:59	BB1	.0	5.0	0	.12	1	4	190.5	42.9
12D079/292	13:09:59	BB1	.0	5.0	0	.12	1	4	187.9	42.9
12D080/292	13:14:59	BB1	.0	5.0	0	.12	1	4	189.4	42.7
12D137/303	12:59:59	BB1	.0	5.0	0	.12	1	4	182.5	42.9
12D138/303	13:00:10	CAL	170.0	170.0	-40			0	182.5	42.9
12D168/316	15:04:59	BB1	.0	5.0	0	.12	1	4	213.8	34.7
12D171/316	18:04:59	BB1	.0	5.0	0	.12	1	4	241.2	4.3
12D173/316	20:04:59	BB1	.0	5.0	0	.12	1	4	250.9	-20.0
12D175/316	23:04:59	BB1	.0	5.0	0	.12	1	4	259.0	-59.0
12D176/317	04:59:59	BB1	.0	5.0	0	.12	1	4	105.7	-32.0
12D181/317	10:29:59	BB1	.0	5.0	0	.12	1	4	140.4	31.0
12D182/317	10:30:10	CAL	170.0	170.0	-40			0	140.4	31.0
12D224/326	13:00:00	BB1	.0	5.0	0	.12	1	4	177.7	43.6
12D225/326	13:00:11	CAL	170.0	170.0	-40			0	177.7	43.5
12E058/346	10:59:59	BB1	.0	5.0	0	.12	1	4	141.3	34.7
12E059/346	11:00:09	CAL	170.0	170.0	-40			0	141.3	34.6
12E115/364	11:14:54	BB1	.0	5.0	0	.12	1	4	141.0	37.7
12E116/364	11:15:04	CAL	170.0	170.0	-40			0	141.0	37.7
12E205/384	12:59:59	BB1	.0	5.0	0	.12	1	4	168.4	50.9
12E206/384	13:00:09	CAL	170.0	170.0	-40			0	168.4	50.8
12F019/393	12:59:59	BB1	.0	5.0	0	.12	1	4	167.4	52.5

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CALIBRATION AND SCAN VERIFICATION CAMERA EVENTS

CELABEL	LLT	DIODE	AZSTART	AZSTOP	EPA	STEP	OFFSET	GAIN	SUNAZ	SUNEL
12F020/393	13:00:09	CAL	170.0	170.0	-40			0	167.5	52.5
12F057/400	21:10:33	CAL	170.0	170.0	-40			0	265.4	-24.0
12F098/408	15:30:00	BB1	.0	5.0	0	.12	1	4	222.7	46.2
12F099/408	15:29:42	CAL	170.0	170.0	-40			0	222.6	46.3
12F142/426	12:59:50	BB1	.0	5.0	0	.12	1	4	165.2	59.4
12F143/426	12:59:32	CAL	170.0	170.0	-40			0	165.0	59.3
12F149/428	13:20:00	BB1	.0	5.0	0	.12	1	4	174.8	60.6
12F150/428	13:19:42	CAL	170.0	170.0	-40			0	174.6	60.6
12F221/454	09:20:01	BB1	.0	5.0	0	.12	1	4	103.9	27.4
12F222/454	09:19:43	CAL	170.0	170.0	-40			0	103.8	27.3
12F248/470	08:57:31	BB1	.0	5.0	0	.12	1	4	98.4	24.9
12F249/470	08:57:13	CAL	170.0	170.0	-40			0	98.4	24.8
12F255/470	09:03:16	BB1	.0	5.0	0	.12	1	4	99.0	26.2
12G000/470	09:02:58	CAL	170.0	170.0	-40			0	99.0	26.1
12G065/484	13:00:01	BB1	.0	5.0	0	.12	1	4	167.9	72.4
12G066/484	12:59:43	CAL	170.0	170.0	-40			0	167.6	72.3
12G149/511	12:58:29	CAL	170.0	172.5	0		2	2	172.5	77.9
12G150/511	12:59:59	BB1	.0	5.0	0	.12	1	4	174.2	77.9
12G151/511	13:00:09	CAL	170.0	170.0	-40			0	174.4	77.9
12G152/511	13:01:29	CAL	170.0	172.5	0		2	2	175.9	77.9
12G182/525	12:59:58	BB1	.0	5.0	0	.12	1	4	180.2	80.4
12G183/525	13:00:08	CAL	170.0	170.0	-40			0	180.5	80.4
12H003/550	13:01:58	BB1	.0	5.0	0	.12	1	4	205.3	83.8
12H004/550	13:02:08	CAL	170.0	170.0	-40			0	205.7	83.8
12H040/570	13:00:12	BB1	.0	5.0	0	.12	1	4	232.7	85.3
12H041/570	13:00:22	CAL	170.0	170.0	-40			0	233.0	85.3
12H109/594	13:00:06	BB1	.0	5.0	0	.12	1	4	267.9	84.8
12H110/594	13:00:16	CAL	170.0	170.0	-40			0	268.0	84.8
12H147/602	12:59:59	BB1	.0	5.0	0	.12	1	4	275.3	84.4
12H223/623	12:59:59	BB1	.0	5.0	0	.12	1	4	286.3	83.1
12H224/623	13:00:09	CAL	170.0	170.0	-40			0	286.2	83.1
12I024/652	13:01:12	BB1	.0	5.0	0	.12	1	4	289.0	81.5
12I025/652	13:01:22	CAL	170.0	170.0	-40			0	289.0	81.5
12I078/703	12:29:59	BB1	.0	5.0	0	.12	1	4	279.7	87.2
12I079/703	12:30:09	CAL	170.0	170.0	-40			0	279.6	87.1
12I144/777	12:29:59	BB1	.0	5.0	0	.12	1	4	209.5	78.6
12I145/777	12:30:09	CAL	170.0	170.0	-40			0	209.7	78.5
12J016/921	15:32:59	BB1	.0	2.5	0	.12	1	4	231.0	27.3
12J017/921	15:33:05	CAL	170.0	170.0	-40			0	231.0	27.3

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CELABEL	DIODE2	IPLPICID
11B199/115	BB2	77/12/13/184232
12B200/115	SUN	77/12/13/184324
12B201/115	SUN	77/12/13/184426
11B202/117	BB3	77/12/13/184520
12B203/118	BB3	77/12/13/184615
12B204/131	SUN	*77/12/13/184708
12B205/131	SUN	*77/12/13/184825
12B206/150	BB1	77/12/13/184926
12B207/151	BB1	77/12/13/185210
12B208/151	BB1	77/12/13/185303
12B209/151	BB2	77/12/13/185416
11B210/151	BB2	77/12/13/185511
12B211/155	SUN	77/12/13/185604
12B212/155	SUN	77/12/13/185652
12B213/156	BB1	77/12/13/185749
11B214/157	SUN	*77/12/13/185857
12B215/157	BB3	*77/12/13/190125
11B216/157	SUN	*77/12/13/190227
11B217/157	CAL	*77/12/13/190326
12B218/158	BB4	77/12/13/190454
11B219/159	BB1	77/12/13/190607
11B220/163	BB4	77/12/13/190916
		77/12/13/191005
		77/12/13/191109
		77/12/13/191156
11B221/163	BB3	77/12/13/191254

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CELABEL	DIODE2	IPLPICID
11B222/164	BB4	77/12/13/191344
11B223/164	BB4	77/12/13/191632
		77/12/13/191734
		77/12/13/191851
11B224/165	BB1	77/12/13/192016
11B225/165	BB3	77/12/13/192127
11B226/165	BB3	77/12/13/192227
12B227/165	BB4	77/12/13/192548
		77/12/13/192637
		77/12/13/192721
12B228/165	BB3	77/12/13/192826
11B229/165	BB4	77/12/13/192946
		77/12/13/193026
		77/12/13/193103
11B230/166	BB2	78/03/23/170507
		78/03/23/170551
		78/03/23/170626
		78/03/23/170703
12B231/167	BB4	78/03/23/170808
		78/03/23/170903
12B232/167	UN07/C	78/03/23/171037
12B233/168	BB1	78/03/23/171138
12B234/168	BB2	78/03/23/171516
		78/03/23/171612
		78/03/23/171700
12B235/168	BB2	78/03/23/171920
		78/03/23/172005
		78/03/23/172048
12B236/168	SUN	78/03/23/172152
11B237/169	SUN	78/03/23/172256
11B238/169	SUN	78/03/23/172556

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CELABEL	DIODE2	IPLPICID
11B239/169	SUN	78/03/23/172645
12B240/170	BLU	78/03/23/172734
12B241/170	BLU	78/03/23/172841
12B242/171	BB1	78/03/23/172955
12B243/171	UN15/C	78/03/23/173103
12B244/171	BB1	78/03/23/173426
		78/03/23/173538
		78/03/23/173629
		78/03/23/173726
12B245/172	BLU	78/03/23/173830
12B246/172	BLU	78/03/23/173930
11B247/172	BB1	78/03/23/174027
11B248/172	UN07/C	78/03/23/174124
12B249/172	BB4	78/03/23/174428
11B250/172	BB1	78/03/23/174732
		78/03/23/174823
		78/03/23/174924
		78/03/23/175027
		78/03/23/175120
12B251/173	BB2	78/03/23/175231
		78/03/23/175304
12B252/174	BB4	77/12/12/210138
		77/12/12/210231
12B253/174	SUN	77/12/12/210328
11B254/174	BB2	77/12/12/210430
		77/12/12/210507
12B255/174	SUN	77/12/12/210552
12C000/175	BLU	77/12/12/210722
11C001/175	SUN	77/12/12/210843

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CELABEL	DIODE2	IPLPICID
11C002/175	SUN	77/12/12/201840
12C003/175	BLU/T	77/12/12/201946
	GRN/T	77/12/12/202105
	RED/T	77/12/12/202220
12C004/175	UN15/C	77/12/12/202331
12C005/175	IR1/T	77/12/12/202648
	IR2/T	77/12/12/202549
	IR3/T	77/12/12/202455
12C006/175	BLU/T	77/12/12/203041
	GRN/T	77/12/12/203146
	RED/T	77/12/12/203334
12C007/175	IR1/T	77/12/12/203708
	IR2/T	77/12/12/203559
	IR3/T	77/12/12/203449
12C008/176	BLU	77/12/12/203809
12C009/176	BLU	77/12/12/203905
11C010/177	BB1	77/12/12/204259
12C011/177	BB1	77/12/12/204408
12C012/178	BLU/T	77/12/12/204525
	GRN/T	77/12/12/204633
	RED/T	77/12/12/204804
12C013/178	IR1/T	77/12/12/205056
	IR2/T	77/12/12/205001
	IR3/T	77/12/12/204852
12C014/178	UN07/C	77/12/12/205453
12C015/178	BB4	77/12/12/205551
11C016/178	BB4	77/12/12/205658
11C017/178	BB2	77/12/12/205809
12C018/178	BB1	77/12/12/205908
12C019/179	BLU/T	77/12/12/210002

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CELABEL	DIODE2	IPLPICID
12C019/179	GRN/T	77/12/12/210053
	RED/T	77/12/12/210231
12C020/179	IR1/T	77/12/12/210653
	IR2/T	77/12/12/210735
	IR3/T	77/12/12/210632
12C021/179	BB1	77/12/12/210942
12C022/179	UN15/C	77/12/12/211044
12C023/179	BLU/T	77/12/12/211128
	GRN/T	77/12/12/211228
	RED/T	77/12/12/211314
12C024/179	IR1/T	77/12/12/211751
	IR2/T	77/12/12/211658
	IR3/T	77/12/12/211615
11C025/180	BB1	77/12/12/211841
11C026/180	UN15/C	77/12/12/211931
11C027/182	BLU/T	77/12/12/212019
	GRN/T	77/12/12/212108
	RED/T	77/12/12/212154
11C028/182	BLU/T	77/12/12/212804
	GRN/T	77/12/12/212856
	RED/T	77/12/12/212951
12C029/182	BLU/T	77/12/12/213100
	GRN/T	77/12/12/213232
	RED/T	77/12/12/213401
12C030/182	BB2	77/12/12/213531
11C031/182	BB4	77/12/12/213657
11C032/182	BB3	77/12/12/213942
11C033/182	BB3	77/12/12/214039
11C034/182	BB3	77/12/12/214132
11C035/182	BB4	77/12/12/214229
12C036/182	BB4	77/12/12/214333

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CELABEL	DIODE2	IPLPICID
11C037/183	BB4	77/12/12/214449
11C038/183	BB4	77/12/12/214601
11C039/183	BB1	77/12/12/214714
12C040/183	BB1	77/12/12/215005
12C041/183	BB1	77/12/12/215124
12C042/183	BB4	77/12/12/215251
12C043/183	BB2	77/12/12/215355
12C044/183	BB2	77/12/12/215531
11C045/183	IR1/T	77/12/12/215849
	IR2/T	77/12/12/215742
	IR3/T	77/12/12/215635
11C046/183	BLU/T	77/12/12/212922
	GRN/T	77/12/12/213009
	RED/T	77/12/12/213114
11C047/183	UN15/C	77/12/12/213245
11C048/183	BLU/T	77/12/12/213404
	GRN/T	77/12/12/213525
	RED/T	77/12/12/213659
11C049/183	IR1/T	77/12/12/214208
	IR2/T	77/12/12/214102
	IR3/T	77/12/12/213802
12C050/183	SUN	77/12/12/214318
12C051/183	SUN	77/12/12/214424
12C052/183	BLU/T	77/12/12/214532
	GRN/T	77/12/12/214633
	RED/T	77/12/12/214739
12C053/183	BLU/T	77/12/12/214825
	GRN/T	77/12/12/215117
	RED/T	77/12/12/215236
12C054/183	BLU/T	77/12/12/215340

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12C054/183	GRN/T	77/12/12/215440
	RED/T	77/12/12/215554
11C055/185	SUN	77/12/12/215649
11C056/185	SUN	77/12/12/215748
11C057/192	IR1/T	77/12/14/211213
	IR2/T	77/12/14/211104
	IR3/T	77/12/12/215850
11C058/192	BLU/T	77/12/14/211329
	GRN/T	77/12/14/211456
	RED/T	77/12/14/211557
11C059/192	BLU/T	77/12/14/211725
	GRN/T	77/12/14/211810
	RED/T	77/12/14/211913
11C060/192	IR1/T	77/12/14/213118
	IR2/T	77/12/14/213007
	IR3/T	77/12/14/212856
11C061/196	IR1/T	77/12/14/213431
	IR2/T	77/12/14/213326
	IR3/T	77/12/14/213232
11C062/196	BLU/T	77/12/14/213535
	GRN/T	77/12/14/213641
	RED/T	77/12/14/213935
11C063/196	BLU/T	77/12/14/214018
	GRN/T	77/12/14/214102
	RED/T	77/12/14/214146
11C064/196	IR1/T	77/12/14/214542
	IR2/T	77/12/14/214437
	IR3/T	77/12/14/214257
12C065/197	BLU/T	77/12/14/214700
	GRN/T	77/12/14/210649
	RED/T	77/12/14/210740
12C066/197	IR1/T	77/12/14/211059
	IR2/T	77/12/14/211005
	IR3/T	77/12/14/210842
11C067/197	BB1	77/12/14/211222

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C068/197	UN15/C	77/12/14/211356
11C069/197	IR1/T	77/12/14/211940
	IR2/T	77/12/14/211839
	IR3/T	77/12/14/211518
11C070/197	BLU/T	77/12/14/212047
	GRN/T	77/12/14/212143
	RED/T	77/12/14/212252
11C071/197	BLU/T	77/12/14/212402
	GRN/T	77/12/14/212452
	RED/T	77/12/14/212547
11C072/197	IR1/T	77/12/14/213246
	IR2/T	77/12/14/213124
	IR3/T	77/12/14/213011
12C073/198	BB1	77/12/14/213350
12C074/198	UN15/C	77/12/14/213514
11C075/202	BB2	77/12/14/213605
11C076/203	BB1	77/12/14/213702
12C077/203	BB2	77/12/14/213751
11C078/204	BB2	77/12/14/224142
12C079/204	BB2	77/12/14/224236
12C080/207	BB3	77/12/14/224347
11C081/207	BB3	77/12/14/224507
		77/12/14/224547
		77/12/14/224623
11C082/207	BB1	77/12/14/225157
		77/12/14/225243
		77/12/14/225319
12C083/207	BLU/T	77/12/14/225442
	GRN/T	77/12/14/225536
	RED/T	77/12/14/225633
11C084/207	BLU/T	77/12/14/225808

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C084/207	BLU/T	77/12/14/225841
	GRN/T	77/12/14/230114
		77/12/14/230147
	RED/T	77/12/14/230301
		77/12/14/230349
11C085/207	BB2	77/12/14/230554
		77/12/14/230633
		77/12/14/230728
		77/12/14/230812
12C086/207	SUN	77/12/14/214742
12C087/207	SUN	77/12/14/214857
11C088/208	BLU/T	77/12/14/214951
	GRN/T	77/12/14/215056
	RED/T	77/12/14/215154
11C089/208	BLU/T	77/12/14/215333
	GRN/T	77/12/14/215437
	RED/T	77/12/14/215601
11C090/208	BLU/T	77/12/14/220425
	GRN/T	77/12/14/220600
	RED/T	77/12/14/220720
11C091/208	SUN	77/12/14/220838
11C092/208	SUN	77/12/14/221015
12C093/208	BLU/T	77/12/14/221151
	GRN/T	77/12/14/221327
	RED/T	77/12/14/221447
12C094/208	IR1/T	77/12/14/222054
	IR2/T	77/12/14/221932
	IR3/T	77/12/14/221755
12C095/208	BLU/T	77/12/14/222230
	GRN/T	77/12/14/222437
	RED/T	77/12/14/222542
12C096/208	IR1/T	77/12/14/215351
	IR2/T	77/12/14/222807
	IR3/T	77/12/14/222647
11C097/208	BLU/T	77/12/14/215448

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C097/208	GRN/T	77/12/14/215606
	RED/T	77/12/14/215743
11C098/208	IR1/T	77/12/14/220052
	IR2/T	77/12/14/215952
	IR3/T	77/12/14/215652
12C099/209	BB4	77/12/14/220208
11C100/209	IR1/T	77/12/14/220825
	IR2/T	77/12/14/220641
	IR3/T	77/12/14/220524
11C101/209	BLU/T	77/12/14/220958
	GRN/T	77/12/14/221124
	RED/T	77/12/14/221246
12C102/209	SUN	77/12/14/221424
12C103/209	SUN	77/12/14/221601
11C104/210	SUN	77/12/14/221931
11C105/210	SUN	77/12/14/222031
11C106/210	SUN	77/12/14/222124
12C107/210	BB1	77/12/14/222238
12C108/210	UN15/C	77/12/14/222444
12C109/210	BB2	77/12/14/222556
12C110/210	BB2	77/12/14/222714
12C111/210	BB2	77/12/14/222830
12C112/210	BB2	77/12/12/221312
12C113/210	BB2	77/12/12/221354
12C114/210	BB2	77/12/12/221436
12C115/210	BB2	77/12/12/221525
11C116/211	BB1	77/12/12/221610
11C117/211	UN07/C	77/12/12/221651

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12C118/211	BLU/T	77/12/12/221802
	GRN/T	77/12/12/221908
	RED/T	77/12/12/222157
12C119/211	IR1/T	77/12/12/222531
	IR2/T	77/12/12/222433
	IR3/T	77/12/12/222327
12C120/211	SUN	77/12/12/222611
12C121/211	SUN	77/12/12/222651
12C122/211	SUN	77/12/12/222732
11C123/218	BB2	77/12/12/222830
12C124/218	BB2	77/12/12/223104
11C125/218	BLU/T	77/12/12/223149
	GRN/T	77/12/12/223242
	RED/T	77/12/12/223328
11C126/218	IR1/T	77/12/12/223540
	IR2/T	77/12/12/223501
	IR3/T	77/12/12/223422
11C127/219	BB2	77/12/12/223646
12C128/219	BB2	77/12/14/233800
12C129/221	BB2	77/12/14/233918
		77/12/14/233954
11C130/221	BLU	77/12/14/234049
11C131/221	RED	77/12/14/234139
11C132/221	GRN	77/12/14/234230
11C133/221	BLU	77/12/14/234328
11C134/221	RED	77/12/14/234436
11C135/221	GRN	77/12/14/234715
11C136/221	BLU	77/12/14/234840
		77/12/14/234930

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C136/221	BLU	77/12/14/235012
		77/12/14/235049
11C137/221	RED	77/12/14/235556
		77/12/14/235646
		77/12/14/235731
		77/12/14/235817
11C138/221	GRN	77/12/15/000000
		77/12/15/000045
		77/12/15/000120
		77/12/15/000207
12C139/222	SUN	77/12/15/004402
12C140/222	SUN	77/12/15/004513
12C141/222	SUN	77/12/15/004650
11C142/222	SUN	77/12/15/004740
12C143/222	BLU/T	77/12/15/004843
	GRN/T	77/12/15/004942
	RED/T	77/12/15/005042
12C144/222	BLU/T	77/12/15/005156
	GRN/T	77/12/15/005436
	RED/T	77/12/15/005531
12C145/222	SUN	77/12/15/005620
12C146/222	SUN	77/12/15/005702
11C147/224	BB4	77/12/15/005806
		77/12/15/005839
12C148/231	BB2	77/12/15/005951
11C149/232	BB1	77/12/15/010036
11C150/232	UN15/C	77/12/15/010309
12C151/232	BB1	77/12/15/010355
12C152/232	UN15/C	77/12/15/010440
12C153/232	BLU/T	77/12/15/010521
	GRN/T	77/12/15/010607

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12C153/232	RED/T	77/12/15/011308
12C154/232	BB1	77/12/15/011406
12C155/232	UN15/C	77/12/15/011508
11C156/232	BB1	77/12/15/180540
11C157/232	UN15/C	77/12/15/180619
12C158/232	BB1	77/12/15/180710
		77/12/15/180740
12C159/232	BB4	77/12/15/180830
		77/12/15/180900
11C160/239	BB1	77/12/15/180938
11C161/239	UN07/C	77/12/15/181018
11C162/239	BB3	77/12/15/181341
		77/12/15/181411
		77/12/15/181441
12C163/239	BLU/T	77/12/15/181520
	GRN/T	77/12/15/181559
	RED/T	77/12/15/181644
12C164/239	BB1	77/12/15/181728
12C165/239	BB1	77/12/15/181824
12C166/239	UN15/C	77/12/15/182123
12C167/239	SUN	77/12/15/182201
12C168/239	SUN	77/12/15/182241
12C169/239	BLU/T	77/12/15/182321
	GRN/T	77/12/15/182401
	RED/T	77/12/15/182441
12C170/239	BLU/T	77/12/15/182529
	GRN/T	77/12/15/182615
	RED/T	77/12/15/192654
12C171/239	BLU/T	77/12/15/192752
	GRN/T	77/12/15/192837

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12C171/239	RED/T	77/12/15/192923
12C172/240	BLU/T	77/12/15/193004
	GRN/T	77/12/15/193110
	RED/T	77/12/15/193200
12C173/240	BLU/T	77/12/15/193304
	GRN/T	77/12/15/193601
	RED/T	77/12/15/193650
12C174/240	BLU/T	77/12/15/193731
	GRN/T	77/12/15/193815
	RED/T	77/12/15/193906
12C175/240	SUN	77/12/15/193956
12C176/240	SUN	77/12/15/194043
11C177/240	SUN	77/12/15/194133
12C178/240	SUN	77/12/15/194819
12C179/240	SURV	77/12/15/194934
		77/12/15/195012
		77/12/15/195103
		77/12/15/195137
11C180/246	RED	77/12/15/195250
		77/12/15/195324
		77/12/15/195354
		77/12/15/195424
11C181/246	SUN	77/12/15/200744
11C182/246	BLU/T	77/12/15/200825
	GRN/T	77/12/15/200906
	RED/T	77/12/15/200955
12C183/246	BB3	77/12/15/201115
12C184/246	BB4	77/12/15/201212
		77/12/15/201242
11C185/247	RED	77/12/15/201604
		77/12/15/201634
		77/12/15/201714
		77/12/15/201756

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C186/248	SUN	77/12/15/201905
12C187/250	BB2	77/12/15/202016
11C188/251	SUN	77/12/15/202144
11C189/252	SUN	77/12/15/202232
11C190/254	SUN	77/12/15/202319
12C191/255	BB2	77/12/15/202557
12C192/255	SURV	77/12/15/202704
11C193/256	SUN	77/12/15/202756
11C194/257	SUN	77/12/15/202847
12C195/258	SUN	77/12/15/202940
12C196/258	BLU	77/12/15/203043
11C197/258	SUN	77/12/15/203155
11C198/258	SUN	77/12/15/203307
12C199/258	BLU/T	77/12/15/201724
	GRN/T	77/12/15/201813
	RED/T	77/12/15/201915
12C200/258	BLU/T	77/12/15/202026
	GRN/T	77/12/15/202123
	RED/T	77/12/15/202210
12C201/258	SUN	77/12/15/202257
12C202/258	SUN	77/12/15/202345
12C203/258	SUN	77/12/15/202637
11C204/258	BLU	77/12/15/202737
11C205/259	SUN	77/12/15/202833
12C206/259	BB1	77/12/15/202930
12C207/259	UN07/C	77/12/15/203029

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C208/260	SUN	77/12/15/203130
11C209/260	BLU/T	*77/12/15/203633
	GRN/T	*77/12/15/203728
	RED/T	*77/12/16/234947
11C210/260	BB4	77/12/16/235041
11C211/260	BB4	77/12/16/235153
11C212/260	BB4	77/12/16/235253
12C213/260	BLU/T	77/12/16/235344
	GRN/T	77/12/16/235434
	RED/T	77/12/16/235809
11C214/261	SUN	*77/12/16/235850
11C215/261	SURV	*77/12/16/235938
11C216/262	SUN	77/12/17/000024
11C217/262	BB1	77/12/17/000116
11C218/263	BB1	77/12/17/000409
11C219/263	UN07/C	77/12/17/000452
11C220/263	SUN	77/12/17/000534
11C221/264	SUN	77/12/17/000615
11C222/265	SUN	77/12/17/000655
11C223/266	SUN	77/12/17/000736
12C224/267	SUN	77/12/17/000823
12C225/267	BB1	77/12/17/000905
12C226/267	UN07/C	77/12/17/001341
11C227/268	BLU	77/12/17/001447
		77/12/17/001529
		77/12/17/001600
11C228/268	SUN	77/12/17/001643

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12C229/268	BLU/T	77/12/17/001728
	GRN/T	77/12/17/001812
	RED/T	77/12/17/001856
12C230/268	IR1/T	77/12/17/002340
	IR2/T	77/12/17/002259
	IR3/T	77/12/17/002218
11C231/269	RED	77/12/17/002446
		77/12/17/002522
		77/12/17/002555
11C232/269	BLU/T	77/12/17/002638
	GRN/T	77/12/17/002720
	RED/T	77/12/17/003003
12C233/269	BLU/T	77/12/17/003045
	GRN/T	77/12/17/003127
	RED/T	77/12/17/003210
11C234/269	BLU/T	77/12/17/003254
	GRN/T	77/12/17/003337
	RED/T	77/12/17/003421
12C235/269	BLU/T	77/12/17/003504
	GRN/T	77/12/17/004023
	RED/T	77/12/17/004106
11C236/269	BLU/T	77/12/17/004149
	GRN/T	77/12/17/004237
	RED/T	77/12/17/004335
12C237/269	BLU/T	77/12/17/004424
	GRN/T	77/12/17/004530
	RED/T	77/12/17/004632
11C238/269	BLU/T	77/12/17/004849
	GRN/T	77/12/17/004929
	RED/T	77/12/17/005009
12C239/269	BLU/T	77/12/17/005058
	GRN/T	77/12/17/005138
	RED/T	77/12/17/005236
11C240/269	BLU/T	77/12/17/005347
	GRN/T	77/12/17/005557
	RED/T	77/12/17/005949

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11C241/270	SUN	77/12/17/010043
12C242/270	BB1	77/12/17/010139
12C243/270	BB1	77/12/17/010234
11C244/270	BB1	77/12/17/010400
11C245/270	BB1	77/12/17/010455
11C246/270	BB1	77/12/17/010553
11C247/270	BB1	77/12/17/010649
11C248/270	BB1	77/12/17/010022
11C249/270	BB1	77/12/17/010117
11C250/270	BB1	77/12/17/010212
11C251/270	BB1	77/12/17/010307
11C252/270	BB1	77/12/17/010415
11C253/270	BB1	77/12/17/010512
11C254/270	BB1	77/12/17/010607
11C255/270	BB1	77/12/17/010702
11D000/270	BB1	77/12/17/011046
12D001/270	BB1	77/12/17/011146
12D002/270	BB1	77/12/17/011315
11D003/271	BLU/T*	77/12/17/011426
	GRN/T*	77/12/17/011527
	RED/T*	78/03/22/210827
11D004/271	RED	78/03/22/210924
		78/03/22/210958
		78/03/22/211035
11D005/271	SURV	77/12/17/015229
		77/12/17/015322
		77/12/17/015415
		77/12/17/015504

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11D005/271	SURV	77/12/17/015554
		77/12/17/015634
		77/12/17/015717
		77/12/17/015808
11D006/271	BLU	77/12/17/020213
		77/12/17/020249
		77/12/17/020323
11D007/271	GRN	77/12/17/020450
		77/12/17/020540
		77/12/17/020629
11D008/271	RED	77/12/17/021157
		77/12/17/021235
		77/12/17/021323
11D009/272	SUN	77/12/17/021430
11D010/274	SUN	77/12/17/021529
11D011/275	SUN	77/12/17/021641
11D012/276	IR1/T	77/12/17/012024
	IR2/T	77/12/17/021932
	IR3/T	77/12/17/021746
11D013/276	BLU/T	77/12/17/012120
	GRN/T	77/12/17/012217
	RED/T	77/12/17/012311
11D014/276	BLU/T	77/12/17/012447
	GRN/T	77/12/17/012552
	RED/T	77/12/17/012646
11D015/276	IR1/T	77/12/17/013220
	IR2/T	77/12/17/013120
	IR3/T	77/12/17/012815
11D016/277	BB1	77/12/17/013315
11D017/277	UN15/C	77/12/17/013413
11D018/277	SUN	77/12/17/013513
12D019/277	BB1	77/12/17/013611
12D020/277	UN15/C	77/12/17/013658

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11D021/279	SUN	77/12/17/013742
11D022/280	SUN	77/12/17/014010
11D023/280	BLU/T	77/12/17/014117
	GRN/T	77/12/17/014251
	RED/T	77/12/17/014347
11D024/280	IR1/T	77/12/17/014650
	IR2/T	77/12/17/014556
	IR3/T	77/12/17/014502
12D025/280	BB1	77/12/17/014739
12D026/280	BB1	77/12/17/022437
12D027/280	BB1	77/12/17/022549
11D028/280	BB1	77/12/17/022653
12D029/280	BB1	77/12/17/022744
11D030/280	BB1	77/12/17/022841
11D031/280	BB2	77/12/17/023010
12D032/280	BB1	77/12/17/023110
11D033/281	BLU	77/12/17/023412
		77/12/17/023459
		77/12/17/023535
11D034/281	BB2	77/12/17/023709
		77/12/17/023750
		77/12/17/023906
11D035/282	SUN	77/12/17/024033
12D036/282	BB4	77/12/17/024442
		77/12/17/024551
11D037/282	BLU	77/12/17/024802
		77/12/17/024933
		77/12/17/025125
12D038/282	BLU/T	77/12/17/025304
	GRN/T	77/12/17/025408

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12D038/282	RED/T	77/12/17/025455
12D039/282	BB2	77/12/17/024341
		77/12/17/024536
11D040/282	BLU/T	77/12/17/024640
	GRN/T	77/12/17/024813
	RED/T	77/12/17/024953
12D041/282	BB1	77/12/17/025053
12D042/282	UN15/C	77/12/17/025149
12D043/282	BB3	77/12/17/025323
12D044/282	BB1	77/12/17/030038
		77/12/17/030112
11D045/283	BB1	77/12/17/030200
11D046/283	UN07/C	77/12/17/030246
11D047/283	SUN	77/12/17/031010
11D048/283	BLU	77/12/17/031151
		77/12/17/031235
		77/12/17/031335
11D049/283	GRN	77/12/17/031754
		77/12/17/031849
		77/12/17/031942
11D050/283	RED	77/12/17/032128
		77/12/17/032237
		77/12/17/032351
11D051/283	BLU	77/12/17/030656
		77/12/17/031044
		77/12/17/031132
11D052/283	GRN	77/12/17/031318
		77/12/17/031410
		77/12/17/031507
11D053/283	RED	77/12/17/031842
		77/12/17/031935
		77/12/17/032020

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11D054/287	BB1	77/12/17/032134
11D055/287	BB1	77/12/17/032248
12D056/287	BB1	77/12/17/032340
12D057/287	BB1	77/12/17/032433
11D058/288	BLU	*77/12/17/032716
11D059/288	SUN	77/12/17/032813
12D060/288	BB3	77/12/17/032915
11D061/288	BB2	77/12/17/033029
11D062/288	BLU/T	77/12/17/033200
	GRN/T	77/12/17/033322
	RED/T	77/12/17/032924
11D063/288	IR1/T	77/12/17/033310
	IR2/T	77/12/17/033153
	IR3/T	77/12/17/033031
12D064/288	SUN	77/12/17/033441
11D065/289	SUN	77/12/17/033618
11D066/289	BB4	77/12/17/033708
12D067/289	SUN	77/12/17/033816
12D068/289	BLU/T	77/12/17/034205
	GRN/T	77/12/17/034310
	RED/T	77/12/17/034402
12D069/289	BLU/T	77/12/17/034500
	GRN/T	77/12/17/034640
	RED/T	77/12/17/034741
12D070/289	BLU/T	77/12/17/034834
	GRN/T	77/12/17/035001
	RED/T	77/12/17/035425
12D071/290	BLU/T	77/12/17/035537
	GRN/T	77/12/17/035650
	RED/T	77/12/17/035751

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12D072/290	BLU/T	77/12/17/035947
	GRN/T	77/12/17/040111
	RED/T	77/12/17/040237
12D073/290	BLU/T	77/12/17/040409
	GRN/T	77/12/17/035328
	RED/T	77/12/17/035452
12D074/290	SUN	77/12/17/035613
11D075/291	SUN	77/12/17/035713
11D076/292	SUN	77/12/17/035816
11D077/292	BB1	77/12/17/040010
11D078/292	BB1	77/12/17/040212
12D079/292	BB1	77/12/17/040337
12D080/292	BB1	77/12/17/040950
11D081/293	SUN	77/12/17/041042
11D082/294	SUN	77/12/17/041158
11D083/295	SUN	77/12/17/041334
11D084/295	BLU	77/12/17/041546
		77/12/17/041638
		77/12/17/041810
11D085/295	GRN	77/12/17/042225
		77/12/17/042316
		77/12/17/042357
11D086/295	RED	77/12/17/042553
		77/12/17/042712
		77/12/17/042813
12D087/295	BLU	77/12/17/041155
		77/12/17/041253
		77/12/17/041400
		77/12/17/041530
12D088/295	GRN	77/12/17/041818
		77/12/17/041947
		77/12/17/042100

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12D088/295	GRN	77/12/17/042150
12D089/295	RED	77/12/17/042605
		77/12/17/042713
		77/12/17/042813
		77/12/17/042911
12D090/296	BB2	77/12/17/043021
12D091/296	BB2	77/12/17/043129
11D092/296	BB3	77/12/17/043226
12D093/296	BB3	77/12/17/043330
11D094/297	SUN	77/12/17/043642
11D095/297	BB4	77/12/17/043822
12D096/297	SUN	77/12/17/043930
11D097/298	SUN	77/12/17/044031
11D098/299	SUN	77/12/17/044212
11D099/300	SUN	77/12/17/044320
12D100/301	SUN	77/12/17/044452
12D101/301	SUN	77/12/17/044609
12D102/301	SUN	78/03/22/213537
12D103/301	SUN	78/03/22/213808
12D104/301	SUN	78/03/22/213917
12D105/301	SUN	78/03/22/214102
12D106/301	SUN	78/03/22/214223
12D107/301	SUN	78/03/22/214338
12D108/301	SUN	78/03/22/214502
11D109/301	BLU	78/03/22/215040
		78/03/22/215135
		78/03/22/215223

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11D110/301	SURV	78/03/22/215420
		78/03/22/215514
12D111/301	SUN	78/03/22/215630
12D112/301	SUN	78/03/22/215753
12D113/301	SUN	78/03/22/215920
12D114/301	SUN	77/12/17/050928
12D115/301	SUN	77/12/17/051018
12D116/301	SUN	77/12/17/051143
12D117/301	SUN	77/12/17/051316
12D118/301	SUN	77/12/17/051634
12D119/302	SUN	77/12/17/051828
12D120/302	SUN	77/12/17/052015
11D121/302	BB3	77/12/17/052140
11D122/302	BB3	77/12/17/045741
11D123/302	BB3	77/12/17/045913
12D124/302	BB3	77/12/17/050012
12D125/302	BLU/T	77/12/17/050111
	GRN/T	77/12/17/050218
	RED/T	77/12/17/050323
11D126/302	BLU	77/12/17/050842
		77/12/17/050923
		77/12/17/051004
12D127/302	BLU/T	77/12/17/051133
	GRN/T	77/12/17/051346
	RED/T	77/12/17/051820
11D128/302	BLU/T	77/12/17/052126
		77/12/17/052209
	GRN/T	77/12/17/052513
		77/12/17/052550
11D128/302	RED/T	77/12/17/052722
		77/12/17/052853
11D129/303	BB1	77/12/17/053035
11D130/303	UN07/C	77/12/17/053235
12D131/303	SUN	77/12/17/053344
12D132/303	SUN	77/12/17/053451
11D133/303	SUN	77/12/17/053046
11D134/303	BLU	77/12/17/053245
		77/12/17/053347
		77/12/17/053457
11D135/303	SURV	77/12/17/053624
		77/12/17/053709
12D136/303	BLU/T	77/12/17/053814
	GRN/T	77/12/17/053919
	RED/T	77/12/17/054159
12D137/303	BB1	77/12/17/054257
12D138/303	UN15/C	77/12/17/054401
12D139/303	BB2	77/12/17/054500
12D140/304	SUN	77/12/17/054547
11D141/304	BLU/T	77/12/17/054642
	GRN/T	77/12/17/054803
	RED/T	77/12/17/054908
12D142/304	SUN	78/03/22/215259
11D143/304	BLU	78/03/22/215440
		78/03/22/215524
		78/03/22/215621
12D144/304	SUN	78/03/22/215749
11D145/305	SUN	78/03/22/215912
11D146/306	SUN	78/03/22/220007
12D147/306	BB3	78/03/22/220135
12D148/306	BB3	78/01/24/195803
12D149/306	BB1	78/01/24/195903
12D150/306	BB1	78/01/24/200018
12D151/306	BB3	78/01/24/200119
12D152/306	BB3	78/01/24/200223
11D153/307	SUN	78/01/24/200413
12D154/307	BB1	78/01/24/200506
11D155/308	SUN	78/01/24/200600
11D156/309	SURV	78/01/24/200904
		78/01/24/200947
11D157/309	SUN	78/01/24/201047
11D158/309	BB1	78/01/24/201159
11D159/310	SUN	78/01/24/201303
11D160/311	SUN	78/01/24/201353
11D161/312	SUN	78/01/24/201446
11D162/313	SUN	78/01/24/201552
12D163/313	SUN	78/01/24/201910
11D164/314	SUN	78/01/24/202017
11D165/315	SUN	78/01/24/202106
11D166/316	SUN	78/01/24/202216
11D167/316	BB1	78/01/24/202307
12D168/316	BB1	78/01/24/202427
12D169/316	SUN	78/01/24/202525
11D170/316	BB1	78/01/24/202632
12D171/316	BB1	78/01/26/001200
11D172/316	BB1	78/01/26/001251
12D173/316	BB1	78/01/26/001340
11D174/316	BB1	78/01/26/001433
12D175/316	BB1	78/01/26/001517
12D176/317	BB1	78/01/26/001617
11D177/317	BB1	78/01/26/001744
11D178/317	BB1	78/01/26/001847
11D179/317	UN07/C	78/01/26/002158
11D180/317	SUN	78/01/26/002310
12D181/317	BB1	78/01/26/002417
12D182/317	UN07/C	78/01/26/002518
11D183/317	BB2	78/01/26/002655
		78/01/26/002801
		78/01/26/002908
11D184/318	SUN	78/01/26/003003
11D185/318	BB2	78/01/26/003320
12D186/318	BB2	78/01/26/003501
12D187/318	BLU	78/01/26/003655
		78/01/26/003809
		78/01/26/003931
12D188/318	GRN	78/01/26/004140
		78/01/26/004242
		78/01/26/004345
12D189/318	RED	78/01/25/233839
		78/01/25/233917
		78/01/25/233959
11D190/319	SUN	78/01/25/234119

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11D191/320	SUN	78/01/25/234206
11D192/320	BB1	78/01/25/234306
11D193/321	SUN	78/01/25/234357
12D194/321	IR1/T	78/01/25/234852
	IR2/T	78/01/25/234755
	IR3/T	78/01/25/234503
12D195/321	BLU/T	78/01/25/234942
	GRN/T	78/01/25/235101
	RED/T	78/01/25/235253
12D196/321	BB1	78/01/25/235408
11D197/321	IR1/T	78/01/25/235920
	IR2/T	78/01/25/235630
	IR3/T	78/01/25/235533
11D198/321	SUN	78/01/26/000041
11D199/321	BLU/T	78/01/26/000201
	GRN/T	78/01/26/000339
	RED/T	78/01/26/000438
11D200/321	SUN	78/01/26/000537
11D201/322	SUN	78/01/26/000641
11D202/323	SUN	78/01/26/000733
11D203/323	BB2	78/01/23/205833
12D204/323	BB2	78/01/23/205923
12D205/323	SUN	78/01/23/210003
12D206/324	BLU/T	78/01/23/210105
	GRN/T	78/01/23/210259
	RED/T	78/01/23/210423
12D207/324	IR1/T	78/03/22/221130
	IR2/T	78/01/23/210722
	IR3/T	78/01/23/210556
11D208/324	SUN	78/03/22/221236
11D209/324	BLU/T	78/03/22/221347
	GRN/T	78/03/22/221513
	RED/T	78/03/22/221623
12D210/324	BLU/T	78/03/22/221743
	GRN/T	78/03/22/221853
	RED/T	78/03/22/222015
12D211/324	BLU/T	78/03/22/222309
	GRN/T	78/03/22/222418
	RED/T	78/03/22/222538
12D212/324	BB1	78/03/22/222643
11D213/324	BB2	78/03/22/222754
11D214/324	BB3	78/03/22/222915
12D215/324	BB3	78/03/22/223006
12D216/324	BB3	78/03/22/223126
12D217/324	SUN	78/01/23/210106
12D218/325	BLU/T	78/01/23/210205
	GRN/T	78/01/23/210258
	RED/T	78/01/23/210355
11D219/325	SUN	78/01/23/210454
11D220/326	BB1	78/01/23/210551
11D221/326	UN15/C	78/01/23/210653
11D222/326	SUN	78/01/23/210748
11D223/326	BB4	78/01/23/211128
11D224/326	BB1	78/01/23/211216
12D225/326	UN07/C	78/01/23/211325
11D226/327	SUN	78/01/23/211431
11D227/328	BLU/T	78/01/23/211533
	GRN/T	78/01/23/211629
	RED/T	78/01/23/211719
11D228/328	IR1/T	78/01/23/212229
	IR2/T	78/01/23/212115
	IR3/T	78/01/23/211830
11D229/328	SURV	78/01/23/212330
11D230/328	BLU/T	78/01/23/212436
	GRN/T	78/01/23/212559
	RED/T	78/01/23/212703
11D231/328	SURV	78/01/23/212759
11D232/328	BLU/T	78/01/23/212853
	GRN/T	78/01/23/214841
	RED/T	78/01/23/214951
11D233/328	IR1/T	78/01/23/215321
	IR2/T	78/01/23/215157
	IR3/T	78/01/23/215056
11D234/328	SURV	78/01/23/215505
11D235/328	SUN	78/01/23/215629
11D236/328	SUN	78/01/23/215745
11D237/328	BLU/T	78/01/23/220052
	GRN/T	78/01/23/220207
	RED/T	78/01/23/220300
11D238/328	SURV	78/01/23/220355
11D239/328	SUN	78/01/23/220444
11D240/328	BLU/T	78/01/23/220552
	GRN/T	78/01/23/220651
	RED/T	78/01/23/220756
11D241/328	IR1/T	78/01/23/221255
	IR2/T	78/01/23/221202
	IR3/T	78/01/23/221104
11D242/328	SURV	78/01/23/221347
11D243/328	SUN	78/01/23/221504
11D244/328	BLU/T	78/01/23/221620
11D244/328	GRN/T	78/01/23/221721
	RED/T	78/01/23/221821
11D245/328	IR1/T	78/01/23/214955
	IR2/T	78/01/23/214851
	IR3/T	78/01/23/214759
11D246/328	SURV	78/01/23/215101
12D247/328	SUN	78/01/23/215159
11D248/328	BLU/T	78/01/23/215322
	GRN/T	78/01/23/215509
	RED/T	78/01/23/215624
11D249/328	IR1/T	78/01/23/220210
	IR2/T	78/01/23/220050
	IR3/T	78/01/23/215920
11D250/328	SURV	78/01/23/220318
12D251/328	SUN	78/01/23/220422
11D252/328	BLU/T	78/01/23/220528
	GRN/T	78/01/23/220625
	RED/T	78/01/23/220734
11D253/328	SURV	78/01/23/221012
11D254/328	BLU/T	78/01/23/221116
	GRN/T	78/01/23/221226
	RED/T	78/01/23/221326
11D255/328	IR1/T	78/01/23/221716
	IR2/T	78/01/23/221613
	IR3/T	78/01/23/221455
11E000/328	SURV	78/01/23/221815
11E001/329	SUN	78/01/23/232425
11E002/330	SUN	78/01/23/232541
12E003/330	BB2	78/01/23/232646
11E004/331	SUN	78/01/23/232736
11E005/333	SUN	78/01/23/232850

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E006/337	SUN	78/01/23/232941
12E007/337	BLU	78/01/23/233044
12E008/337	GRN	78/01/23/233155
12E009/337	BLU	78/01/23/233419
12E010/337	GRN	78/01/23/233509
12E011/337	BLU	78/01/23/233607
12E012/337	GRN	78/01/23/233700
11E013/338	SUN	78/01/23/233754
12E014/338	BB1	78/01/23/233900
12E015/338	BB1	78/01/23/233953
12E016/338	SURV	78/01/23/234101
11E017/339	SUN	78/01/23/234450
12E018/339	BLU/T	78/01/23/234601
	GRN/T	78/01/23/234713
	RED/T	78/01/23/234813
11E019/340	BLU/T	78/01/23/235013
	GRN/T	78/01/23/235128
	RED/T	78/01/23/235246
11E020/340	BLU/T	78/01/23/235350
	GRN/T	78/01/23/234008
	RED/T	78/01/23/234108
11E021/340	BLU/T	78/01/23/234203
	GRN/T	78/01/23/234257
	RED/T	78/01/23/234345
11E022/340	SUN	78/01/23/234456
12E023/340	BB3	78/01/23/234613
12E024/340	SUN	78/01/23/234717
12E025/340	BLU/T	78/01/23/234959

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E025/340	GRN/T	78/01/23/235054
	RED/T	78/01/23/235213
12E026/340	BLU/T	78/01/23/235318
	GRN/T	78/01/23/235413
	RED/T	78/01/23/235505
12E027/340	BLU/T	78/01/23/235608
	GRN/T	78/01/23/235721
	RED/T	78/01/24/000009
11E028/341	SUN	78/01/24/000105
11E029/342	SUN	78/01/24/000159
12E030/342	BLU/T	78/01/24/000251
	GRN/T	78/01/24/000436
	RED/T	78/01/24/000531
12E031/342	IR1/T	78/01/26/002146
	IR2/T	78/01/24/002334
	IR3/T	78/01/24/002241
12E032/342	BLU/T	78/01/26/002314
	GRN/T	78/01/26/002429
	RED/T	78/01/26/002536
12E033/342	IR1/T	78/01/26/002838
	IR2/T	78/01/26/002745
	IR3/T	78/01/26/002647
12E034/343	BLU/T	78/01/26/002959
	GRN/T	78/01/26/003250
	RED/T	78/01/26/003427
12E035/343	IR1/T	78/01/26/004056
	IR2/T	78/01/26/003726
	IR3/T	78/01/26/003553
12E036/343	BLU/T	78/01/26/004048
	GRN/T	78/01/26/004220
	RED/T	78/01/26/004338
11E037/343	BLU	78/01/26/004811
		78/01/26/004932
		78/01/26/005037
		78/01/26/005156
		78/01/26/005302

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E038/343	GRN	78/01/26/005538
		78/01/26/005656
		78/01/26/005805
		78/01/26/005934
		78/01/26/010103
11E039/343	RED	78/01/26/005312
		78/01/26/005414
		78/01/26/005529
		78/01/26/005636
		78/01/26/005751
12E040/343	SUN	78/01/26/005858
11E041/343	BB2	78/01/26/005952
12E042/343	SUN	78/01/26/010044
12E043/343	SUN	78/01/26/010146
12E044/343	SUN	78/03/22/221610
12E045/343	SUN	78/03/22/221730
12E046/343	SUN	78/03/22/221835
12E047/343	SUN	78/03/22/221945
12E048/343	SUN	78/03/22/222034
12E049/343	SUN	78/03/22/222121
12E050/344	SUN	78/03/22/222213
12E051/344	SUN	78/03/22/222318
12E052/344	BB2	78/01/26/011339
11E053/345	SUN	78/01/26/011434
11E054/345	BB2	78/01/26/011607
11E055/346	BB1	78/01/26/011708
11E056/346	UN07/C	78/01/26/011812
11E057/346	SUN	78/01/26/011913

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E058/346	BB1	78/01/26/012013
12E059/346	UN07/C	78/01/26/012128
12E060/346	SUN	78/01/26/011206
11E061/347	SUN	78/01/26/011307
12E062/347	BB1	78/01/26/011425
11E063/347	BB3	78/01/26/011645
12E064/347	BLU/T	78/01/26/011822
	GRN/T	78/01/26/012007
	RED/T	78/01/26/012145
11E065/348	SUN	78/01/26/012243
11E066/348	SURV	78/01/26/012510
11E067/348	BLU/T	78/01/26/012552
	GRN/T	78/01/26/012634
	RED/T	78/01/26/012727
11E068/348	BLU/T	78/01/26/012807
	GRN/T	78/01/26/012905
	RED/T	78/01/26/013002
11E069/348	BLU/T	78/01/26/013048
	GRN/T	78/01/26/013300
	RED/T	78/01/26/013343
11E070/348	BLU/T	78/01/26/013426
	GRN/T	78/01/26/013509
	RED/T	78/01/26/013611
11E071/349	SUN	78/01/26/013659
11E072/349	IR1/T	78/01/26/014127
	IR2/T	78/01/26/013858
	IR3/T	78/01/26/013754
11E073/349	BLU/T	78/01/26/014215
	GRN/T	78/01/26/014311
	RED/T	78/01/26/014408
11E074/349	BLU/T	78/01/26/014508

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E074/349	GRN/T	78/01/26/014605
	RED/T	78/01/26/014724
11E075/349	IR1/T	78/03/07/001544
	IR2/T	78/03/07/001427
	IR3/T	78/01/26/014815
12E076/350	BLU/T	78/03/07/001657
		78/03/07/001735
	GRN/T	78/03/07/001858
		78/03/07/001953
	RED/T	78/03/07/002116
		78/03/07/002151
11E077/350	BB4	78/03/07/002524
		78/03/07/002602
		78/03/07/002709
		78/03/07/002818
11E078/350	BB2	78/03/07/003216
11E079/350	BB2	78/03/07/003349
12E080/350	SUN	78/03/07/003458
11E081/351	SUN	78/03/07/003624
11E082/351	BB2	78/03/07/003928
		78/03/07/004005
		78/03/07/004042
12E083/351	BB2	78/03/07/004141
11E084/352	SUN	78/03/07/004252
11E085/353	SUN	78/03/07/004403
11E086/353	BB4	78/03/07/004500
		78/03/07/004530
11E087/354	SUN	78/03/07/004944
11E088/355	SUN	78/03/07/005032
11E089/356	SUN	78/03/07/005112
11E090/356	BB1	78/03/07/005220
11E091/357	SUN	78/03/07/005317
12E092/357	BB1	78/03/07/005356
12E093/357	BB1	78/03/07/005436
12E094/357	BB1	78/03/07/005516
12E095/357	BB1	78/03/07/010441
12E096/357	BB1	78/03/07/010522
12E097/357	BB1	78/03/07/010603
11E098/358	SUN	78/03/07/010650
12E099/358	BB1	78/03/07/010742
12E100/358	BB1	78/03/07/010827
11E101/359	SUN	78/03/07/010936
12E102/359	BB1	78/03/07/011032
12E103/359	BB1	78/03/07/011350
12E104/359	BLU	78/03/07/011437
12E105/359	GRN	78/03/07/011523
12E106/359	RED	78/03/07/011603
12E107/359	BLU	78/03/07/011707
12E108/359	GRN	78/03/07/011802
12E109/359	RED	78/03/07/011845
11E110/360	SURV	78/03/09/190755
		78/03/09/190906
		78/03/09/191003
		78/03/09/191100
		78/03/09/191153
		78/03/09/191244
		78/03/09/191339
		78/03/09/191450
		78/03/09/191547
12E111/362	BB2	78/03/09/183547
11E112/364	BB1	78/03/09/183646
11E113/364	UN07/C	78/03/09/183748
11E114/364	SUN	78/03/09/183855
12E115/364	BB1	78/03/09/183956
12E116/364	UN07/C	78/03/09/184109
12E117/364	SURV	78/03/09/184215
11E118/364	BB4	78/03/09/184312
11E119/365	SUN	78/03/09/184610
11E120/366	IR1/T	78/03/09/185330
	IR2/T	78/03/09/184808
	IR3/T	78/03/09/184707
11E121/366	BLU/T	78/03/09/185451
	GRN/T	78/03/09/185547
	RED/T	78/03/09/185633
11E122/366	SUN	78/03/09/185718
11E123/366	BLU/T	78/03/09/181132
	GRN/T	78/03/09/181236
	RED/T	78/03/09/181358
11E124/366	IR1/T	78/03/09/181732
	IR2/T	78/03/09/181611
	IR3/T	78/03/09/181505
12E125/366	SUN	78/03/09/181829
12E126/367	BLU/T	78/03/09/182126
		78/03/09/182207
	GRN/T	78/03/09/182419
		78/03/09/182536
	RED/T	78/03/09/182634
		78/03/09/182736
12E127/367	BLU/T	78/03/09/183001
		78/03/09/183044
	GRN/T	78/03/09/183857
12E127/367	GRN/T	78/03/09/183941
	RED/T	78/03/09/184107
		78/03/09/184208
12E128/367	BLU/T	78/03/09/184412
		78/03/09/184452
	GRN/T	78/03/09/184607
		78/03/09/184651
	RED/T	78/03/08/231334
		78/03/08/231442
12E129/367	BLU/T	78/03/08/231620
		78/03/08/231716
	GRN/T	78/03/08/231820
		78/03/08/231855
	RED/T	78/03/08/232007
		78/03/08/232101
12E130/367	BLU/T	78/03/08/232609
		78/03/08/232647
	GRN/T	78/03/08/232807
		78/03/08/233155
	RED/T	78/03/08/233321
		78/03/08/233407
11E131/367	SUN	78/03/08/233517
11E132/367	SUN	78/03/08/233644
12E133/367	BB2	78/03/08/233958
11E134/368	SUN	78/03/08/234047
11E135/368	SUN	78/03/08/234144
11E136/369	BLU/T	78/03/08/234232
	GRN/T	78/03/08/234341
	RED/T	78/03/08/234426
11E137/369	IR1/T	78/03/08/233931
	IR2/T	78/03/08/234602
	IR3/T	78/03/08/234514
11E138/369	SUN	78/03/08/234021
11E139/369	SUN	78/03/08/234116
12E140/369	BLU/T	78/03/08/234207

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E140/369	GRN/T	78/03/08/234256
	RED/T	78/03/08/234401
12E141/369	BLU/T	78/03/08/234453
	GRN/T	78/03/08/234544
	RED/T	78/03/08/234830
12E142/369	IR1/T	78/03/08/235137
	IR2/T	78/03/08/235011
	IR3/T	78/03/08/234914
12E143/369	IR1/T	78/03/08/235438
	IR2/T	78/03/08/235344
	IR3/T	78/03/08/235256
12E144/369	BB3	78/03/08/235525
12E145/369	BB3	78/03/08/235813
12E146/369	BB1	78/03/08/235909
12E147/369	BB1	78/03/09/000001
12E148/369	BB2	78/03/09/000059
11E149/370	SUN	78/03/09/000229
11E150/370	SUN	78/03/09/000341
11E151/371	SUN	78/03/09/000434
11E152/371	SUN	78/03/09/000529
11E153/371	SURV	78/03/08/235729
		78/03/08/235816
		78/03/08/235905
		78/03/08/235951
12E154/372	BLU/T	78/03/09/000054
	GRN/T	78/03/09/000208
	RED/T	78/03/09/000321
12E155/372	BLU/T	78/03/09/000408
	GRN/T	78/03/09/000456
	RED/T	78/03/09/000848
12E156/372	BLU/T	78/03/09/000931
	GRN/T	78/03/09/001013

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E156/372	RED/T	78/03/09/001101
11E157/372	BLU/T	78/03/09/001204
	GRN/T	78/03/09/001259
	RED/T	78/03/09/001416
11E158/372	SUN	78/03/09/001510
11E159/372	SUN	78/03/09/001724
11E160/372	BB4	78/03/09/001821
12E161/372	SUN	78/03/09/001914
12E162/372	SUN	78/03/09/002010
12E163/372	BLU/T	78/03/09/002108
	GRN/T	78/03/09/002204
	RED/T	78/03/09/003505
12E164/372	BLU/T	78/03/09/003553
	GRN/T	78/03/09/000814
	RED/T	78/03/09/000907
12E165/372	BLU/T	78/03/09/000955
	GRN/T	78/03/09/001047
	RED/T	78/03/09/001213
11E166/373	SUN	78/03/09/001313
11E167/373	SUN	78/03/09/001429
12E168/373	SUN	78/03/09/001525
11E169/374	SUN	78/03/09/001801
11E170/375	SUN	78/03/09/001846
11E171/376	BLU/T	78/03/09/001932
	GRN/T	78/03/09/002024
	RED/T	78/03/09/002119
11E172/376	IR1/T	78/03/09/002350
	IR2/T	78/03/09/002309
	IR3/T	78/03/09/002215
11E173/376	SUN	78/03/09/002651

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E174/376	SURV	78/03/09/002747
11E175/376	BLU/T	78/03/09/002854
	GRN/T	78/03/09/002957
	RED/T	78/03/09/003941
11E176/376	BLU/T	78/03/09/004041
	GRN/T	78/03/09/004216
	RED/T	78/03/09/004325
11E177/376	IR1/T	78/03/09/002937
	IR2/T	78/03/09/002848
	IR3/T	78/03/09/002749
11E178/376	IR1/T	78/03/09/003159
	IR2/T	78/03/09/003115
	IR3/T	78/03/09/003023
12E179/376	BB2	78/03/09/003239
12E180/376	BB2	78/03/09/003458
12E181/376	BB2	78/03/09/003723
11E182/376	BB2	78/03/09/003944
12E183/376	BB2	78/03/09/004053
12E184/376	SUN	78/03/09/004215
11E185/377	SUN	78/03/09/004315
11E186/378	SUN	78/03/09/004408
12E187/378	SUN	78/03/09/004452
12E188/379	BLU/T	78/03/09/004741
		78/03/09/004826
	GRN/T	78/03/09/005029
		78/03/09/005149
	RED/T	78/03/09/005346
		78/03/09/005454
12E189/379	BLU/T	78/03/09/005628
		78/03/09/005725
	GRN/T	78/03/09/004547
		78/03/09/004620
	RED/T	78/03/09/004832

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E189/379	RED/T	78/03/09/004947
12E190/379	BLU/T	78/03/09/005202
		78/03/09/005313
	GRN/T	78/03/09/005506
		78/03/09/005613
	RED/T	78/03/09/010436
		78/03/09/010520
11E191/379	SUN	78/03/09/010624
11E192/379	BB3	78/03/09/010729
12E193/379	BB3	78/03/09/010835
12E194/379	BB3	78/03/09/010954
11E195/380	SUN	78/03/09/011102
11E196/380	SUN	78/03/09/011146
11E197/381	SUN	78/03/09/011426
11E198/382	SUN	78/03/09/011522
11E199/382	SUN	78/03/09/011612
11E200/383	SUN	78/03/09/011656
11E201/383	SURV	78/03/09/011842
		78/03/09/011930
		78/03/09/012010
		78/03/09/012048
11E202/384	BB1	78/03/09/012141
11E203/384	UN15/C	78/03/09/191107
11E204/384	SUN	78/03/09/191218
12E205/384	BB1	78/03/09/191326
12E206/384	UN15/C	78/03/09/191456
11E207/384	BB4	78/03/09/191603
		78/03/09/191639
12E208/384	BB2	78/03/09/191730

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E209/385	SUN	78/03/09/191815
11E210/385	SUN	78/03/09/192048
11E211/385	BB4	78/03/09/192249
		78/03/09/192328
		78/03/09/192421
11E212/386	IR1/T	78/03/09/192805
	IR2/T	78/03/09/192635
	IR3/T	78/03/09/192535
11E213/386	BLU/T	78/03/09/192912
	GRN/T	78/03/09/193155
	RED/T	78/03/09/193245
11E214/386	SUN	78/03/09/193345
11E215/386	SUN	78/03/09/193447
11E216/386	BLU/T	78/03/09/193601
	GRN/T	78/03/09/193707
	RED/T	78/03/09/193820
11E217/386	BLU/T	78/03/09/193956
	GRN/T	78/03/09/192500
	RED/T	78/03/09/192603
11E218/386	IR1/T	78/03/09/192918
	IR2/T	78/03/09/192817
	IR3/T	78/03/09/192704
11E219/386	IR1/T	78/03/09/193148
	IR2/T	78/03/09/193051
	IR3/T	78/03/09/193006
12E220/386	SUN	78/03/09/193431
12E221/386	SUN	78/03/09/193522
12E222/386	BLU/T	78/03/09/193645
	GRN/T	78/03/09/193812
	RED/T	78/03/09/193918
12E223/386	BLU/T	78/03/09/194052
	GRN/T	78/03/09/194148
	RED/T	78/03/09/194305

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E224/387	SURV	78/03/09/194754
		78/03/09/194836
		78/03/09/194942
		78/03/09/195043
11E225/387	SUN	78/03/09/195223
11E226/387	SUN	78/03/09/195339
12E227/387	BB4	78/03/09/012801
		78/03/09/012857
		78/03/09/012948
		78/03/09/013022
		78/03/09/013052
11E228/388	SUN	78/03/09/013135
11E229/388	SUN	78/03/09/013232
12E230/389	BLU/T	78/03/09/013324
	GRN/T	78/03/09/013544
	RED/T	78/03/09/013628
12E231/389	BLU/T	78/03/09/013710
	GRN/T	78/03/09/013753
	RED/T	78/03/09/013835
12E232/389	BLU/T	78/03/09/013919
	GRN/T	78/03/09/014003
	RED/T	78/03/09/014052
11E233/389	SUN	78/03/09/014314
11E234/389	SUN	78/03/09/014408
12E235/389	SUN	78/03/09/014506
12E236/389	SUN	78/03/09/014556
12E237/389	BLU/T	78/03/09/014652
	GRN/T	78/03/09/014733
	RED/T	78/03/09/014814
12E238/389	BLU/T	78/03/09/014902
	GRN/T	78/03/09/015213
	RED/T	78/03/09/015255

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12E239/389	BLU/T	78/03/09/015343
	GRN/T	78/03/09/015425
	RED/T	78/03/09/015506
11E240/390	BLU/T	78/03/09/015548
	GRN/T	78/03/09/015630
	RED/T	78/03/09/015711
11E241/390	IR1/T	78/03/09/020055
	IR2/T	78/03/09/020014
	IR3/T	78/03/09/015932
11E242/390	BLU/T	78/03/09/020137
	GRN/T	78/03/09/020220
	RED/T	78/03/09/020304
11E243/390	IR1/T	78/03/09/020641
	IR2/T	78/03/09/020427
	IR3/T	78/03/09/020345
11E244/390	BLU/T	78/03/09/020724
	GRN/T	78/03/09/020809
	RED/T	78/03/09/020851
11E245/390	IR1/T	78/03/09/021414
	IR2/T	78/03/09/021331
	IR3/T	78/03/09/021247
11E246/390	BLU/T	78/03/09/021456
	GRN/T	78/03/09/194944
	RED/T	78/03/09/195055
11E247/390	IR1/T	78/03/09/195444
	IR2/T	78/03/09/195335
	IR3/T	78/03/09/195224
11E248/390	SUN	78/03/09/195553
11E249/390	SUN	78/03/09/195653
11E250/390	IR1/T	78/03/09/200332
	IR2/T	78/03/09/200154
	IR3/T	78/03/09/195812
11E251/390	BLU/T	78/03/09/200451
	GRN/T	78/03/09/200613
	RED/T	78/03/09/200737

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11E252/390	BLU/T	78/03/09/200852
	GRN/T	78/03/09/201016
	RED/T	78/03/09/201126
11E253/390	IR1/T	78/03/09/201626
	IR2/T	78/03/09/201520
	IR3/T	78/03/09/201410
11E254/390	BLU/T	78/03/09/201744
	GRN/T	78/03/09/201659
	RED/T	78/03/09/202010
11E255/390	IR1/T	78/03/09/200324
	IR2/T	78/03/09/202215
	IR3/T	78/03/09/202102
11F000/390	BLU/T	78/03/09/200435
	GRN/T	78/03/09/200554
	RED/T	78/03/09/200714
11F001/390	IR1/T	78/03/09/201104
	IR2/T	78/03/09/200948
	IR3/T	78/03/09/200824
11F002/390	BLU/T	78/03/09/201220
	GRN/T	78/03/09/201501
	RED/T	78/03/09/201608
11F003/390	IR1/T	78/03/09/201935
	IR2/T	78/03/09/201827
	IR3/T	78/03/09/201725
12F004/390	SUN	78/03/09/202045
11F005/390	BLU/T	78/03/09/202206
	GRN/T	78/03/09/202303
	RED/T	78/03/09/202955
11F006/390	IR1/T	78/03/09/203225
	IR2/T	78/03/09/203135
	IR3/T	78/03/09/203040
11F007/390	BLU/T	78/03/09/203330
	GRN/T	78/03/09/203416
	RED/T	78/03/09/203521
11F008/390	IR1/T	78/03/11/111744
	IR2/T	78/03/11/111653

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F008/390	IR3/T	78/03/09/203627
12F009/391	BLU/T	78/03/11/111945
		78/03/11/112030
	GRN/T	78/03/11/112158
		78/03/11/112253
	RED/T	78/03/11/112418
		78/03/11/112509
12F010/391	BLU/T	78/03/11/112930
		78/03/11/113012
	GRN/T	78/03/11/113159
		78/03/11/113257
	RED/T	78/03/11/113500
		78/03/11/113610
11F011/391	SUN	78/03/11/113803
11F012/391	SUN	78/03/11/113908
11F013/392	SUN	78/03/11/114200
11F014/392	SUN	78/03/11/114310
11F015/393	BB1	78/03/11/114419
11F016/393	UN15/C	78/03/11/114511
11F017/393	SUN	78/03/11/114552
11F018/393	SUN	78/03/11/114633
12F019/393	BB1	78/03/11/114713
12F020/393	UN15/C	78/03/11/114756
11F021/393	BB2	78/03/13/192906
12F022/393	BB2	78/03/13/193006
11F023/394	SUN	78/03/13/193104
11F024/395	SUN	78/03/13/193151
12F025/396	BLU/T	78/03/13/193319
		78/03/13/193401
	GRN/T	78/03/13/193543
		78/03/13/193640

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F025/396	RED/T	78/03/13/194254
		78/03/13/194330
12F026/396	BLU/T	78/03/13/194428
	GRN/T	78/03/13/194514
	RED/T	78/03/13/194557
12F027/396	BLU/T	78/03/13/194642
	GRN/T	78/03/13/194740
	RED/T	78/03/13/194833
12F028/396	BLU/T	78/03/13/195725
	GRN/T	78/03/13/195818
	RED/T	78/03/13/195908
11F029/396	SUN	78/03/13/195958
11F030/396	SUN	78/03/13/200108
11F031/396	IR1/T	78/03/13/200409
	IR2/T	78/03/13/200249
	IR3/T	78/03/13/200159
11F032/396	BLU/T	78/03/13/200643
	GRN/T	78/03/13/200728
	RED/T	78/03/13/200810
12F033/396	BB1	78/04/07/025703
12F034/396	BB1	78/04/07/025805
12F035/396	BLU	78/04/07/025856
12F036/396	GRN	78/04/07/025958
12F037/396	RED	78/04/07/030055
12F038/396	IR3	78/04/07/030145
12F039/396	IR2	78/04/07/030236
12F040/396	IR1	78/04/07/030322
11F041/396	BB3	78/04/07/030639
11F042/396	BLU/T	78/04/07/030741
	GRN/T	78/04/07/030836
	RED/T	78/04/07/030948

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F043/396	BLU/T	78/04/07/031043
	GRN/T	78/04/07/031134
	RED/T	78/04/07/031224
11F044/396	BLU/T	78/04/07/031319
	GRN/T	78/04/07/031614
	RED/T	78/04/07/031705
11F045/397	SUN	78/04/07/031753
11F046/397	SUN	78/04/07/031838
12F047/398	BLU/T	78/04/07/032014
		78/04/07/032057
	GRN/T	78/04/07/032209
		78/04/07/032251
	RED/T	78/04/07/032528
		78/04/07/032558
11F048/398	SUN	78/04/07/032648
11F049/398	SUN	78/04/07/032738
11F050/399	SUN	78/04/07/032821
11F051/399	SUN	78/04/07/032911
11F052/400	SUN	78/04/07/033006
11F053/400	SUN	78/04/07/033055
12F054/400	BB4	78/04/06/201929
		78/04/06/202042
		78/04/06/202127
		78/04/06/202219
		78/04/06/202317
12F055/400	BB2	78/04/06/202442
		78/04/06/202600
		78/04/06/202705
12F056/400	SUN	78/04/06/202805
12F057/400	UN07/C	78/04/06/202906
11F058/401	SUN	78/04/06/203052

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F059/401	SUN	78/04/06/203226
11F060/401	BB3	78/04/06/203603
		78/04/06/203707
12F061/402	BLU/T	78/04/06/203841
	GRN/T	78/04/06/204020
	RED/T	78/04/06/204253
12F062/402	BLU/T	78/04/06/204451
	GRN/T	78/04/06/204641
	RED/T	78/04/06/204759
12F063/402	BLU/T	78/04/06/205041
	GRN/T	78/04/06/205152
	RED/T	78/04/06/205254
11F064/402	SUN	78/04/06/205403
11F065/402	SUN	78/04/06/205501
12F066/402	BB3	78/04/06/205604
		78/04/06/205634
		78/04/06/205704
12F067/402	SUN	78/04/06/203715
12F068/402	SUN	78/04/06/203846
12F069/402	BLU/T	78/04/06/204023
	GRN/T	78/04/06/204249
	RED/T	78/04/06/204427
12F070/402	BLU/T	78/04/06/204542
	GRN/T	78/04/06/204656
	RED/T	78/04/06/204801
12F071/402	BLU/T	78/04/06/205055
	GRN/T	78/04/06/205201
	RED/T	78/04/06/205257
12F072/403	BLU/T	78/04/06/205414
		78/04/06/205456
		78/04/06/205544
	GRN/T	78/04/06/205643
		78/04/06/205912
		78/04/06/205942
	RED/T	78/04/06/210038

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F072/403	RED/T	78/04/06/210108
		78/04/06/210138
12F073/403	BLU/T	78/04/07/025715
		78/04/07/025800
		78/04/07/025839
	GRN/T	78/04/07/025957
		78/04/07/030039
		78/04/07/030120
	RED/T	78/04/07/030728
		78/04/07/030807
		78/04/07/030849
11F074/403	SUN	78/04/07/030956
11F075/403	SUN	78/04/07/031052
11F076/404	SUN	78/04/07/031148
11F077/404	SUN	78/04/07/031237
12F078/404	BB2	78/04/07/031329
11F079/405	SUN	78/04/07/031647
11F080/405	SUN	78/04/07/031729
11F081/406	SUN	78/04/07/031815
11F082/406	SUN	78/04/07/031900
11F083/407	SUN	78/04/07/031959
11F084/407	SUN	78/04/07/032100
11F085/408	SUN	78/04/07/032200
11F086/408	SUN	78/04/07/032256
11F087/408	SUN	78/04/17/192243
11F088/408	SUN	78/04/17/192323
12F089/408	BLU/T	78/04/17/192402
	GRN/T	78/04/17/192440
	RED/T	78/04/17/192518
12F090/408	IR1/T	78/04/17/192747

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F090/408	IR2/T	78/04/17/192700
	IR3/T	78/04/17/192611
12F091/408	BLU/T	78/04/17/193117
	GRN/T	78/04/17/193213
	RED/T	78/04/17/193313
12F092/408	IR1/T	78/04/17/193557
	IR2/T	78/04/17/193512
	IR3/T	78/04/17/193430
11F093/408	SURV	78/04/17/194108
11F094/408	BB1	78/04/17/194203
11F095/408	UN15/C	78/04/17/194723
12F096/408	BB1	78/04/17/194819
11F097/408	BB1	78/04/17/194920
12F098/408	BB1	78/04/17/195028
12F099/408	UN07/C	78/04/17/195213
11F100/408	SURV	78/04/17/195310
12F101/408	SUN	78/04/17/195412
12F102/408	BLU	78/04/17/195513
12F103/408	BLU	78/04/07/034047
		78/04/07/034125
11F104/408	BB2	78/04/07/034215
12F105/408	SUN	78/04/07/034306
12F106/408	SUN	78/04/07/034353
11F107/408	BLU/T	78/04/07/034514
	GRN/T	78/04/07/034612
	RED/T	78/04/07/034659
11F108/409	SUN	78/04/07/034927
11F109/409	SUN	78/04/07/035047

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F110/410	SUN	78/04/07/035152
12F111/410	SUN	78/04/07/035309
11F112/411	SUN	78/04/07/035418
11F113/412	SUN	78/04/07/035533
11F114/412	SUN	78/04/07/035644
11F115/413	SUN	78/04/07/035754
11F116/414	SUN	78/04/07/040036
12F117/414	SUN	78/04/07/040148
11F118/415	SUN	78/04/07/040306
11F119/416	BLU/T	78/04/07/040426
	GRN/T	78/04/07/040517
	RED/T	78/04/07/040711
12F120/416	SUN	78/04/07/040811
11F121/418	SUN	78/04/07/040859
12F122/418	SUN	78/04/17/192946
11F123/419	SUN	78/04/17/193024
12F124/419	SUN	78/04/17/193119
12F125/419	BLU/T	78/04/17/193217
	GRN/T	78/04/17/193330
	RED/T	78/04/17/193449
11F126/420	SUN	78/04/17/193540
12F127/420	SUN	78/04/17/194050
11F128/421	SUN	78/04/17/194406
12F129/421	SUN	78/04/17/194445
11F130/422	SUN	78/04/17/194541
11F131/422	BLU/T	78/04/17/194623
	GRN/T	78/04/17/194707

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F131/422	RED/T	78/04/17/194806
11F132/422	BLU	78/04/17/194910
12F133/422	SUN	78/04/17/195036
12F134/423	BLU/T	78/04/17/195409
	GRN/T	78/04/17/195504
	RED/T	78/04/17/195600
12F135/423	SUN	78/04/17/195655
12F136/423	BLU/T	78/04/17/195818
	GRN/T	78/04/17/195858
	RED/T	78/04/17/200051
11F137/424	SUN	78/04/17/200213
11F138/425	SUN	78/04/07/043332
11F139/426	BB1	78/04/07/043411
11F140/426	UN07/C	78/04/07/043452
11F141/426	SUN	78/04/07/043531
12F142/426	BB1	78/04/07/043610
12F143/426	UN07/C	78/04/07/043652
12F144/426	SUN	78/04/07/043731
11F145/427	SUN	78/04/07/043811
11F146/428	SUN	78/04/07/044102
11F147/428	BB1	78/04/07/044141
11F148/428	UN15/C	78/04/07/044221
12F149/428	BB1	78/04/07/044301
12F150/428	UN15/C	78/04/07/044342
12F151/428	SUN	78/04/07/044423
11F152/429	SUN	78/04/07/044507

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F153/429	SUN	78/04/07/044546
11F154/430	BB2	78/04/07/044954
12F155/430	SUN	78/04/07/045033
11F156/431	SUN	78/04/07/045112
12F157/431	BLU/T	78/04/07/045151
	GRN/T	78/04/07/045259
	RED/T	78/04/07/045342
12F158/431	IR1/T	78/04/07/051441
	IR2/T	78/04/07/045526
	IR3/T	78/04/07/045439
12F159/431	BB4	78/04/07/051539
11F160/432	SUN	78/04/07/051627
11F161/432	BLU/T	78/04/07/051713
	GRN/T	78/04/07/051756
	RED/T	78/04/07/051840
11F162/432	IR1/T	78/04/07/052355
	IR2/T	78/04/07/052037
	IR3/T	78/04/07/051944
11F163/432	BLU/T	78/04/07/052507
	GRN/T	78/04/07/052559
	RED/T	78/04/07/052651
11F164/432	IR1/T	78/04/07/052852
	IR2/T	78/04/07/052813
	IR3/T	78/04/07/052733
12F165/432	BLU/T	78/04/07/052939
	GRN/T	78/04/07/053201
	RED/T	78/04/07/053252
12F166/432	IR1/T	78/04/07/053619
	IR2/T	78/04/07/053427
	IR3/T	78/04/07/053344
12F167/432	BLU/T	78/04/07/053700
	GRN/T	78/04/07/053855
	RED/T	78/04/07/054021

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F168/432	IR1/T	78/04/07/052218
	IR2/T	78/04/07/052133
	IR3/T	78/04/07/052030
12F169/432	BLU/T	78/04/07/052257
	GRN/T	78/04/07/052342
	RED/T	78/04/07/052449
12F170/432	IR1/T	78/04/07/052950
	IR2/T	78/04/07/052636
	IR3/T	78/04/07/052544
11F171/433	BB4	78/04/07/053047
		78/04/07/053118
11F172/433	SUN	78/04/07/053211
12F173/433	SUN	78/04/07/053306
11F174/433	BLU/T	78/04/07/053404
	GRN/T	78/04/07/053453
	RED/T	78/04/07/053537
12F175/433	BLU/T	78/04/07/053848
	GRN/T	78/04/07/054015
	RED/T	78/04/07/054122
12F176/433	BLU/T	78/04/07/054203
	GRN/T	78/04/07/054244
	RED/T	78/04/07/054341
12F177/433	BLU/T	78/04/07/054421
	GRN/T	78/04/07/054519
	RED/T	78/04/10/195334
11F178/434	SUN	78/04/10/195436
12F179/434	BLU/T	78/04/10/195541
	GRN/T	78/04/10/195718
	RED/T	78/04/10/195809
12F180/434	BB4	78/04/10/200251
		78/04/10/200354
		78/04/10/200451
		78/04/10/200533
12F181/435	BB4	78/04/10/200640
		78/04/10/200709

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F182/435	SUN	78/04/10/200750
12F183/435	BB4	78/04/10/200833
12F184/437	BB2	78/05/06/075812
11F185/437	SUN	78/05/06/075926
12F186/438	SUN	*78/05/06/080111
12F187/439	SUN	78/05/06/080254
12F188/440	SUN	78/05/06/080339
12F189/440	SUN	78/05/06/080419
12F190/440	BB2	78/05/06/080500
12F191/440	BB2	78/05/06/080605
11F192/440	BB2	78/05/06/081043
11F193/440	BB3	78/05/06/081318
12F194/440	SUN	78/05/06/081622
12F195/441	SUN	78/05/06/081854
12F196/441	SUN	78/05/06/081940
11F197/441	BB2	78/05/06/082020
11F198/441	BB2	78/05/06/082101
12F199/441	BLU/T	78/05/06/082140
	GRN/T	78/05/06/082659
	RED/T	78/05/06/083121
12F200/441	IR1/T	78/05/06/083629
	IR2/T	78/05/06/083503
	IR3/T	78/05/06/083317
11F201/441	BB2	78/05/06/083743
12F202/441	IR1/T	78/08/12/060530
	IR2/T	78/05/06/083954
	IR3/T	78/05/06/083854

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12F203/441	BLU/T	78/08/12/060642
	GRN/T	78/08/12/060746
	RED/T	78/08/12/060901
11F204/441	BB1	78/08/12/061010
11F205/441	BB2	78/08/12/061212
		78/08/12/061346
		78/08/12/061447
12F206/442	SUN	78/08/12/061601
12F207/442	SUN	78/08/12/061718
11F208/442	BB3	78/08/12/062008
12F209/442	SUN	78/08/12/062132
12F210/443	SUN	78/08/12/062239
12F211/445	SUN	78/08/12/062353
12F212/446	SUN	78/08/12/062459
12F213/447	SUN	78/08/12/062651
12F214/448	SUN	78/08/12/062757
12F215/449	SUN	78/08/12/062926
12F216/453	SUN	78/08/12/063242
12F217/453	SUN	78/08/12/063326
12F218/454	SUN	78/08/12/063436
11F219/454	BB1	78/08/12/063528
11F220/454	UN15/C	78/08/12/063738
12F221/454	BB1	78/08/12/063848
12F222/454	UN15/C	78/08/12/064013
12F223/454	SUN	78/08/12/064120
12F224/455	SUN	78/08/12/051042

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F225/457	BB3	78/08/12/051147
11F226/457	BB2	78/08/12/051322
12F227/457	BB2	78/08/12/051447
12F228/457	SUN	78/08/12/051609
12F229/458	SUN	78/08/12/051731
11F230/464	BB4	78/08/12/051925
12F231/466	SUN	78/08/12/052115
12F232/466	SUN	78/08/12/052436
12F233/467	SUN	78/08/12/052552
12F234/467	SUN	78/08/12/052714
12F235/468	SUN	78/08/12/052844
12F236/469	SUN	78/08/12/053310
11F237/469	BLU/T	78/08/12/053446
	GRN/T	78/08/12/053553
	RED/T	78/08/12/053828
11F238/469	IR1/T	78/08/12/054945
	IR2/T	78/08/12/054843
	IR3/T	78/08/12/054707
11F239/469	BLU/T	78/08/12/055034
	GRN/T	78/08/12/055159
	RED/T	78/08/12/055351
11F240/469	IR1/T	78/05/06/085045
	IR2/T	78/08/12/055715
	IR3/T	78/08/12/055518
12F241/469	SUN	78/05/06/085205
12F242/470	SUN	78/05/06/085258
11F243/470	SUN	78/05/06/085353
12F244/470	SUN	78/05/06/085450

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11F245/470	SUN	78/05/06/085611
11F246/470	BLU/T	78/05/06/085722
	GRN/T	78/05/06/085830
	RED/T	78/05/06/090126
11F247/470	IR1/T	78/05/06/090440
	IR2/T	78/05/06/090313
	IR3/T	78/05/06/090222
12F248/470	BB1	78/05/06/090608
12F249/470	UN15/C	78/05/06/090743
11F250/470	BB1	78/05/06/090914
11F251/470	UN15/C	78/05/06/091028
11F252/470	BB1	*78/05/06/091446
11F253/470	BB1	78/05/06/091554
11F254/470	UN15/C	78/05/06/091655
12F255/470	BB1	78/05/06/091758
12G000/470	UN15/C	78/05/06/092013
11G001/470	IR1/T	*78/05/06/092124
	IR2/T	*78/05/06/092221
	IR3/T	*78/05/06/092450
11G002/470	BLU/T	78/05/06/101501
	GRN/T	78/05/06/101624
	RED/T	78/05/06/101758
12G003/470	SUN	78/05/06/101907
11G004/470	SUN	78/05/06/102029
12G005/470	SUN	78/05/06/102149
11G006/470	SUN	78/05/06/102308
11G007/470	BLU/T	78/05/06/102415
	GRN/T	78/05/06/102738
	RED/T	78/05/06/102909

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G008/470	IR1/T	78/05/06/103253
	IR2/T	78/05/06/103141
	IR3/T	78/05/06/103023
11G009/470	BLU/T	78/05/06/103401
	GRN/T	78/05/06/103511
	RED/T	78/05/06/103621
11G010/470	IR1/T	78/05/06/104134
	IR2/T	78/05/06/104033
	IR3/T	78/05/06/103911
11G011/470	SUN	78/05/06/104243
11G012/471	SUN	78/05/06/104429
11G013/472	SUN	78/05/06/104542
11G014/472	SUN	78/05/06/104657
11G015/473	SUN	78/05/06/104803
11G016/473	SUN	78/08/12/051518
11G017/474	BLU/T	78/08/12/051642
	GRN/T	78/08/12/051748
	RED/T	78/08/12/051928
11G018/474	BLU/T	78/08/12/052115
	GRN/T	78/08/12/052239
	RED/T	78/08/12/052352
11G019/474	BLU/T	78/08/12/052525
	GRN/T	78/08/12/052837
	RED/T	78/08/12/053240
11G020/474	BLU/T	78/08/12/053422
	GRN/T	78/08/12/053524
	RED/T	78/08/12/053641
11G021/474	IR1/T	78/08/12/054102
	IR2/T	78/08/12/054007
	IR3/T	78/08/12/053823
11G022/474	SUN	78/08/12/054718
11G023/474	BLU/T	78/08/12/054910

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G023/474	GRN/T	78/08/12/055017
	RED/T	78/08/12/055121
11G024/474	IR1/T	78/08/12/055640
	IR2/T	78/08/12/055457
	IR3/T	78/08/12/055330
11G025/474	SUN	78/08/12/055802
11G026/474	BLU/T	78/05/06/093734
	GRN/T	78/05/06/093826
	RED/T	78/05/06/093933
11G027/474	IR1/T	78/05/06/094255
	IR2/T	78/05/06/094157
	IR3/T	78/05/06/094032
11G028/474	BLU/T	78/05/06/094350
	GRN/T	78/05/06/094454
	RED/T	78/05/06/094827
11G029/474	IR1/T	78/05/06/095115
	IR2/T	78/05/06/095012
	IR3/T	78/05/06/094917
11G030/474	BLU/T	78/05/06/095207
	GRN/T	78/05/06/095307
	RED/T	78/05/06/095404
11G031/474	IR1/T	78/05/06/095918
	IR2/T	78/05/06/095819
	IR3/T	78/05/06/095500
11G032/474	BLU/T	78/05/06/100040
	GRN/T	78/05/06/100132
	RED/T	78/05/06/100259
11G033/474	IR1/T	78/05/06/100625
	IR2/T	78/05/06/100513
	IR3/T	78/05/06/100359
11G034/474	BLU/T	78/05/06/112931
	GRN/T	78/05/06/113035
	RED/T	78/05/06/113147
11G035/474	IR1/T	78/05/06/113618
	IR2/T	78/05/06/113523
	IR3/T	78/05/06/113331

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G036/474	SUN	78/05/06/113745
11G037/474	BLU/T	78/05/06/113904
	GRN/T	78/05/06/114355
	RED/T	78/05/06/114537
11G038/474	IR1/T	78/05/06/114834
	IR2/T	78/05/06/114739
	IR3/T	78/05/06/114631
11G039/474	SUN	78/05/06/114921
11G040/475	SUN	78/05/06/115017
12G041/475	BB1	78/05/06/115119
12G042/475	BB2	78/05/06/115349
11G043/475	BB2	78/05/06/115442
11G044/476	SUN	78/05/06/115540
11G045/476	BB3	78/05/06/115643
12G046/476	BB1	78/05/06/120016
		78/05/06/120201
		78/05/06/120335
11G047/476	SUN	78/05/06/120458
11G048/477	SUN	78/05/06/114542
11G049/477	SUN	78/05/06/114640
11G050/478	SUN	78/05/06/114750
11G051/478	SUN	*78/05/06/114848
11G052/479	SUN	*78/05/06/114945
11G053/479	SUN	*78/05/06/115103
11G054/480	SUN	*78/05/06/115211
11G055/480	SUN	*78/05/06/115309
11G056/481	SUN	78/05/06/115539

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G057/481	SUN	78/05/06/115639
11G058/482	SUN	78/05/06/115752
11G059/482	SUN	78/05/06/120043
11G060/483	SUN	78/05/06/120249
11G061/483	SUN	78/05/06/120427
11G062/484	BB1	78/05/06/120527
11G063/484	UN15/C	78/05/06/120645
11G064/484	SUN	78/05/06/120858
11G065/484	BB1	78/05/06/121017
12G066/484	UN15/C	78/05/06/121109
11G067/484	SUN	78/05/06/121152
11G068/485	SUN	78/05/06/122457
11G069/485	SUN	78/05/06/122610
11G070/486	SUN	78/05/06/122735
11G071/486	SUN	78/05/06/122859
11G072/487	SUN	78/05/06/104259
11G073/487	SUN	78/05/06/104419
11G074/488	BLU/T	78/05/06/104536
	GRN/T	78/05/06/104645
	RED/T	78/05/06/104748
11G075/488	BLU/T	78/05/06/104847
	GRN/T	78/05/06/104939
	RED/T	78/05/06/105029
11G076/488	BLU/T	78/08/12/060905
	GRN/T	78/08/12/061005
	RED/T	78/08/12/061104
11G077/488	SUN	78/08/12/061206

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G078/488	BB2	78/08/12/061255
12G079/488	BB2	78/08/12/061407
11G080/488	BB2	78/08/12/061502
12G081/488	BLU/T	78/08/12/061620
	GRN/T	78/05/06/111122
	RED/T	78/05/06/111227
11G082/489	SUN	78/05/06/111341
11G083/490	SUN	78/05/06/111510
11G084/490	SUN	78/05/06/111651
11G085/490	SUN	78/05/06/111919
11G086/490	SUN	78/05/06/112033
11G087/490	BB2	78/05/06/112201
11G088/490	SUN	78/05/06/105534
11G089/490	SUN	78/05/06/105701
11G090/491	SUN	78/05/06/105816
12G091/491	BLU	78/05/06/110024
12G092/491	BLU	78/05/06/110400
11G093/491	SUN	78/05/06/110522
11G094/494	SUN	78/05/06/110659
11G095/494	SUN	78/05/06/110807
11G096/500	SUN	78/05/06/111120
11G097/501	SUN	78/05/06/111219
11G098/502	SUN	78/05/06/111334
11G099/502	BB1	78/05/06/111444
12G100/502	BB2	78/05/06/111621

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G101/502	SUN	78/05/06/111835
11G102/503	BB2	78/05/06/112116
		78/05/06/112238
		78/05/06/112409
11G103/503	SUN	78/05/06/112813
11G104/503	SUN	78/05/06/112913
11G105/505	SUN	78/05/06/113028
11G106/505	SUN	78/05/06/113145
11G107/506	SUN	78/05/06/113328
12G108/506	BB2	78/05/06/113548
12G109/506	BB1	78/05/06/113720
11G110/506	IR1/T	78/05/13/075832
	IR2/T	78/05/13/075740
	IR3/T	78/05/06/113846
11G111/506	BLU/T	78/05/13/075936
	GRN/T	78/05/13/080043
	RED/T	78/05/13/080200
12G112/506	BLU/T	78/05/13/080300
	GRN/T	78/05/13/080354
	RED/T	78/05/13/080455
11G113/506	BLU	78/05/13/080737
11G114/506	GRN	78/05/13/080819
11G115/506	RED	78/05/13/081015
11G116/506	IR3	78/05/13/081119
11G117/506	IR2	78/05/13/081210
11G118/506	IR1	78/05/13/081336
11G119/506	BB2	78/05/13/081531
		78/05/13/081628

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12G120/506	BLU	78/05/13/082029
12G121/506	BLU	78/05/13/082149
		78/05/13/082233
11G122/506	SUN	78/05/13/082332
11G123/508	SUN	78/05/13/082534
11G124/508	SUN	78/05/13/082638
11G125/509	SUN	78/05/13/082832
11G126/509	SUN	78/05/13/083005
12G127/510	BB3	78/08/12/062336
11G128/510	SUN	78/08/12/062448
11G129/510	SUN	78/08/12/062643
11G130/511	BLU/T	78/08/12/062751
	GRN/T	78/08/12/062916
	RED/T	78/08/12/063039
11G131/511	IR1/T	78/08/12/063706
	IR2/T	78/08/12/063301
	IR3/T	78/08/12/063159
11G132/511	BB1/C	78/08/12/063814
11G133/511	BB1	78/08/12/063918
11G134/511	UN15/C	78/08/12/064023
11G135/511	IR3/C	78/08/12/064135
12G136/511	SUN	78/08/12/064300
11G137/511	BLU/T	78/08/12/064401
	GRN/T	78/08/12/064503
	RED/T	78/08/12/064757
11G138/511	IR1/T	78/08/12/065042
	IR2/T	78/08/12/064955
	IR3/T	78/08/12/064900
11G139/511	SUN	78/08/12/065156

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G140/511	BLU/T	78/08/12/065254
	GRN/T	78/08/12/065412
	RED/T	78/08/12/065514
11G141/511	IR1/T	78/08/12/065421
	IR2/T	78/08/12/065313
	IR3/T	78/08/12/065214
11G142/511	SUN	78/08/12/065521
11G143/511	SUN	78/08/12/065615
11G144/511	BLU/T	78/08/12/065711
	GRN/T	78/08/12/065805
	RED/T	78/08/12/065900
11G145/511	IR1/T	78/08/12/070503
	IR2/T	78/08/12/070307
	IR3/T	78/08/12/070154
11G146/511	SUN	78/08/12/070831
11G147/511	BLU/T	78/08/12/070936
	GRN/T	78/08/12/071144
	RED/T	78/08/12/071306
11G148/511	IR1/T	78/08/12/071853
	IR2/T	78/08/12/071731
	IR3/T	78/08/12/071431
12G149/511	BB1/C	78/08/12/072032
12G150/511	BB1	78/08/12/072142
12G151/511	UN15/C	78/08/12/072338
12G152/511	IR3/C	78/08/12/072454
11G153/511	BLU/T	78/08/12/072605
	GRN/T	78/08/12/072720
	RED/T	78/05/13/083748
11G154/511	IR1/T	78/05/13/084101
	IR2/T	78/05/13/083951
	IR3/T	78/05/13/083857
11G155/511	BLU/T	78/05/13/084158

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G155/511	GRN/T	78/05/13/084328
	RED/T	78/05/13/084426
11G156/511	IR1/T	78/05/13/085100
	IR2/T	78/05/13/084936
	IR3/T	78/05/13/084510
11G157/511	SUN	78/05/13/085201
12G158/511	BLU/T	78/05/13/085305
	GRN/T	78/05/13/085358
	RED/T	78/05/13/085453
12G159/511	IR1/T	78/05/13/090159
	IR2/T	78/05/13/085645
	IR3/T	78/05/13/085548
11G160/511	SUN	78/05/13/090256
11G161/513	SUN	78/05/13/090432
11G162/513	BB3	78/05/13/090703
		78/05/13/090817
		78/05/13/090903
11G163/513	BB2	78/05/13/091343
11G164/513	SUN	78/05/13/091457
11G165/515	SUN	78/05/11/014020
11G166/515	SUN	78/05/11/014100
11G167/516	SUN	78/05/11/014139
11G168/518	SUN	78/05/11/014219
11G169/518	SUN	78/05/11/014258
12G170/520	BB1	78/05/11/014338
12G171/520	BB1	78/05/11/014418
11G172/520	BB2	78/05/11/014459
11G173/520	BB1	78/05/11/014752
11G174/520	BB1	78/05/11/014831

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G175/521	SUN	78/05/11/014911
11G176/521	SUN	78/05/11/014950
11G177/523	SUN	78/05/11/015030
11G178/523	SUN	78/05/11/015110
11G179/525	BB1	78/05/11/015150
11G180/525	UN15/C	78/05/11/015237
11G181/525	SUN	78/05/11/015627
12G182/525	BB1	78/05/11/015706
12G183/525	UN15/C	78/05/11/020005
11G184/525	SUN	78/05/11/020051
11G185/526	BLU/T	78/05/11/020424
	GRN/T	78/05/11/020510
	RED/T	78/05/11/020549
11G186/526	BLU/T	78/05/11/020630
	GRN/T	78/05/13/111357
	RED/T	78/05/13/111501
11G187/526	BLU/T	78/05/13/111619
	GRN/T	78/05/13/111709
	RED/T	78/05/13/111806
11G188/526	SUN	78/05/13/111926
11G189/526	SUN	78/05/13/112028
11G190/526	SUN	78/05/13/112133
11G191/526	BLU/T	78/05/13/112358
	GRN/T	78/05/13/112502
	RED/T	78/05/13/112554
11G192/526	BLU/T	78/05/13/112650
	GRN/T	78/05/13/112756
	RED/T	78/05/13/112859
11G193/526	BLU/T	78/05/13/113031

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11G193/526	GRN/T	78/05/13/113159
	RED/T	78/05/13/113437
12G194/527	BB2	78/05/13/113541
11G195/527	SUN	78/05/13/113700
12G196/527	BB3	78/05/13/113809
12G197/527	BLU/T	78/05/13/113923
	GRN/T	78/05/13/114028
	RED/T	78/05/13/114125
12G198/527	IR1/T	78/05/13/092506
	IR2/T	78/05/13/092358
	IR3/T	78/05/13/114227
12G199/527	BLU/T	78/05/13/092624
	GRN/T	78/05/13/092732
	RED/T	78/05/13/092836
12G200/527	IR1/T	78/05/13/093204
	IR2/T	78/05/13/093106
	IR3/T	78/05/13/092948
11G201/527	BB2	78/05/13/093459
11G202/527	SUN	78/05/13/093618
11G203/528	SUN	78/05/13/093730
12G204/528	BB1	78/05/13/093854
12G205/528	BB1	78/05/13/094016
11G206/530	SUN	78/05/13/094139
11G207/530	SUN	78/05/13/094303
11G208/532	SUN	78/05/13/094422
11G209/532	SUN	78/05/13/095422
11G210/533	BB2	78/05/13/095530
12G211/534	BB4	78/05/13/095649
11G212/535	SUN	78/05/13/095749

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12G213/535	BLU	78/05/13/095953
12G214/535	BLU	78/05/13/100256
		78/05/13/100413
11G215/535	SUN	78/05/13/100601
11G216/537	SUN	78/08/12/070110
11G217/539	SUN	78/08/12/070302
11G218/539	SUN	78/08/12/070510
11G219/540	SUN	78/08/12/070841
11G220/540	BB2	78/08/12/071005
11G221/542	SUN	78/08/12/071213
12G222/542	SUN	78/08/12/071350
11G223/542	SUN	78/08/12/071531
11G224/542	SUN	78/08/12/071847
12G225/542	BB2	78/08/12/072034
11G226/542	BB1	78/08/12/072237
		78/08/12/072349
11G227/542	BLU/T	78/08/12/072532
	GRN/T	78/08/12/072719
	RED/T	78/08/12/073105
11G228/542	IR1/T	78/08/12/073708
	IR2/T	78/08/12/073600
	IR3/T	78/08/12/073246
12G229/542	BLU/T	78/08/12/073819
	GRN/T	78/08/12/073931
	RED/T	78/08/12/074051
12G230/542	IR1/T	78/08/12/074809
	IR2/T	78/08/12/074659
	IR3/T	78/08/12/074303
12G231/542	BLU/T	78/05/13/115329

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12G231/542	GRN/T	78/05/13/115448
	RED/T	78/05/13/115648
12G232/542	IR1/T	78/05/13/120114
	IR2/T	78/05/13/120013
	IR3/T	78/05/13/115813
12G233/542	BLU/T	78/05/13/120228
	GRN/T	78/05/13/120342
	RED/T	78/05/13/120752
12G234/542	IR1/T	78/05/13/121209
	IR2/T	78/05/13/121055
	IR3/T	78/05/13/120931
11G235/542	SUN	78/05/13/121328
11G236/542	SUN	78/05/13/121431
11G237/543	SUN	78/05/13/121553
11G238/544	SUN	78/05/13/121659
11G239/544	SUN	78/05/13/121928
11G240/546	SUN	78/05/13/122037
12G241/546	BB2	78/05/13/122150
11G242/546	SUN	78/05/13/122317
11G243/547	BB2	78/05/13/122530
11G244/548	SUN	78/05/13/122709
11G245/548	SUN	78/05/13/122842
11G246/550	BB1	78/05/13/122952
11G247/550	UN15/C	78/08/12/073335
12G248/550	BB1	78/08/12/073443
12G249/550	BB1	78/08/12/073552
12G250/550	BB1	78/08/12/073713
12G251/550	BLU/T	78/08/12/073829

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12G251/550	GRN/T	78/08/12/073945
	RED/T	78/08/12/074104
11G252/550	BB2	78/08/12/074252
12G253/550	BB2	78/08/12/075259
12G254/550	BLU/T	78/08/12/075418
	GRN/T	78/08/12/075519
	RED/T	78/08/12/075619
12G255/550	IR1/T	78/08/12/080013
	IR2/T	78/08/12/075834
	IR3/T	78/08/12/075726
11H000/550	IR1/T	78/08/12/080518
	IR2/T	78/08/12/080416
	IR3/T	78/08/12/080126
11H001/550	BLU/T	78/08/12/080621
	GRN/T	78/08/12/080726
	RED/T	78/08/12/080837
12H002/550	BB1	78/08/12/080936
12H003/550	BB1	78/08/12/081037
12H004/550	UN15/C	78/08/12/081219
11H005/551	BLU/T	78/08/12/081511
	GRN/T	78/08/12/081556
	RED/T	78/08/12/081639
12H006/551	BB4	78/08/12/081730
		78/08/12/081759
11H007/552	SUN	*78/09/03/013247
11H008/552	SUN	*78/09/03/013401
11H009/553	SUN	78/09/03/013443
11H010/553	SUN	78/09/03/013527
11H011/554	SUN	78/09/03/013621
11H012/554	SUN	78/09/03/013707

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12H013/554	BB4	78/09/03/013759
11H014/555	SUN	78/09/03/013859
11H015/556	BLU/T	78/09/03/014231
	GRN/T	78/09/03/014318
	RED/T	78/09/03/014400
11H016/556	BLU/T	78/09/03/014451
	GRN/T	78/09/03/014556
	RED/T	78/09/03/014639
11H017/557	BB4	78/09/03/014738
11H018/557	BB4	78/09/03/014831
12H019/557	BLU	78/09/03/015114
12H020/557	BLU	78/09/03/015233
		78/09/03/015320
11H021/557	SUN	78/09/03/015415
11H022/557	BLU/T	78/09/03/015458
	GRN/T	78/09/03/015626
	RED/T	78/09/03/015738
11H023/557	BLU/T	78/09/03/015836
	GRN/T	78/07/03/102453
	RED/T	78/07/03/102531
11H024/557	BLU/T	78/07/03/102610
	GRN/T	78/07/03/102649
	RED/T	78/07/03/102728
11H025/558	SUN	78/07/03/102807
11H026/558	BB4	78/07/03/102845
11H027/558	BB4	78/07/03/102924
11H028/560	SUN	78/07/03/103235
11H029/560	SUN	78/07/03/103314
12H030/561	BB2	78/07/03/103354
11H031/562	SUN	78/07/03/103433

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H032/562	BB2	78/07/03/103512
11H033/562	BB2	78/07/03/103553
11H034/562	BB2	78/07/03/103635
11H035/562	SUN	78/07/03/103717
11H036/564	SUN	78/07/03/103943
11H037/564	SUN	78/07/03/104022
11H038/567	SUN	78/07/03/104101
11H039/567	SUN	78/07/03/104140
12H040/570	BB1	78/07/03/104233
12H041/570	UN15/C	78/07/03/104314
11H042/570	SUN	78/07/03/104355
11H043/571	SUN	78/07/03/104436
11H044/571	BB1	78/09/06/185235
11H045/571	UN15/C	78/09/06/185319
11H046/572	SUN	78/09/06/185402
11H047/572	SUN	78/09/06/185446
11H048/574	SUN	78/09/06/185529
11H049/574	SUN	78/09/06/185640
11H050/576	BLU/T	78/09/06/185742
	GRN/T	78/09/06/185838
	RED/T	78/09/06/190055
12H051/576	BLU/T	78/09/06/190143
	GRN/T	78/09/06/190233
	RED/T	78/09/06/190318
12H052/577	BB4	78/09/06/190415
11H053/577	SUN	78/09/06/190624

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12H054/577	BB4	78/09/06/190738
12H055/577	BB4	78/09/06/190842
12H056/577	BB4	78/09/06/191134
12H057/577	BB4	78/09/06/191221
12H058/577	BB4	78/09/06/191308
12H059/577	BB4	78/09/06/191444
12H060/577	BB4	78/09/06/191603
12H061/577	BB4	78/09/06/191649
12H062/577	BB4	78/09/06/191736
11H063/577	SUN	78/09/06/191821
12H064/577	BB4	78/07/03/111254
12H065/577	BB4	78/07/03/111336
11H066/578	BB3	78/07/03/111426
11H067/579	BLU/T	78/07/03/111507
	GRN/T	78/07/03/111548
	RED/T	78/07/03/111628
11H068/579	BLU/T	78/07/03/111709
	GRN/T	78/07/03/111750
	RED/T	78/07/03/111956
11H069/579	BLU/T	78/07/03/112035
	GRN/T	78/07/03/112115
	RED/T	78/07/03/112156
12H070/579	SUN	78/07/03/112236
11H071/579	SUN	78/07/03/112316
12H072/579	BLU	78/07/03/112358
12H073/579	BLU	78/07/03/112712
		78/07/03/112742

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12H074/579	SUN	78/07/03/112823
11H075/579	SUN	78/07/03/112903
11H076/580	SUN	78/07/03/112943
12H077/580	BB1	78/07/03/113031
12H078/581	BB2	78/07/03/113126
11H079/582	BB3	78/07/03/113218
11H080/582	BB3	78/09/03/020442
12H081/582	BB1	78/09/03/020531
11H082/583	BB4	78/09/03/020623
11H083/583	BB3	78/09/03/020757
11H084/583	SUN	78/09/03/020905
11H085/584	SUN	78/09/03/021016
11H086/585	BB3	78/09/03/021119
11H087/585	SUN	78/09/03/021203
11H088/586	SUN	78/09/03/021448
12H089/586	BB2	78/09/03/021541
11H090/586	SUN	78/09/03/021631
11H091/587	SUN	78/09/03/021723
11H092/587	SUN	78/09/03/021814
11H093/587	SUN	78/09/03/021906
11H094/587	SUN	78/09/03/022001
11H095/587	SUN	78/09/03/022059
11H096/587	SUN	78/09/03/022351
11H097/587	SUN	78/09/03/022443

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H098/587	SUN	78/09/03/022536
11H099/589	SUN	78/09/03/022652
11H100/589	SUN	78/09/03/022903
11H101/591	SUN	78/09/03/023021
11H102/591	SUN	78/09/03/023122
12H103/592	BB3	78/09/03/023435
11H104/593	SUN	78/09/03/021616
11H105/594	SUN	78/09/03/021707
11H106/594	BB1	78/09/03/021758
11H107/594	UN07/C	78/09/03/021851
12H108/594	BB1	78/09/03/021945
12H109/594	BB1	78/09/03/022048
12H110/594	UN07/C	78/09/03/022151
11H111/595	SUN	78/09/03/022244
11H112/595	BLU	78/09/03/022527
11H113/595	IR1	78/09/03/022646
11H114/595	RED	78/09/03/022749
11H115/595	IR3	78/09/03/022910
11H116/595	GRN	78/09/03/023028
11H117/595	IR2	78/09/03/023133
11H118/595	BLU	78/09/03/023433
11H119/595	BLU	78/09/03/023551
11H120/595	IR1	78/09/03/023905
11H121/595	RED	78/09/03/024009

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H122/595	IR3	78/09/03/024105
11H123/595	GRN	78/09/03/024158
11H124/595	IR2	78/09/03/024321
11H125/595	BLU	78/09/03/024419
11H126/595	BLU	78/09/03/024507
11H127/595	IR1	78/09/03/024548
11H128/595	RED	78/09/03/023807
11H129/595	IR3	78/09/03/023900
11H130/595	GRN	78/09/03/023954
11H131/595	IR2	78/09/03/024049
11H132/595	BLU	78/09/03/024149
11H133/596	SUN	78/09/03/024243
12H134/596	BB3	78/09/03/024349
		78/09/03/024431
11H135/597	SUN	78/09/03/024717
11H136/597	SUN	78/09/03/024804
11H137/597	BB4	78/09/03/024924
		78/09/03/024954
11H138/597	BB3	78/09/03/025247
11H139/600	SUN	78/09/03/025339
11H140/600	BB1	78/09/03/025421
12H141/600	BB4	78/09/03/025511
11H142/600	BB3	78/09/03/025739
11H143/600	BB4	78/09/03/025833
11H144/600	SUN	78/09/03/025922

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H145/601	BB4	78/09/03/030010
11H146/602	SUN	78/09/03/030050
12H147/602	BB1	78/09/03/030131
11H148/602	SUN	78/09/03/030237
12H149/604	BB3	78/09/03/030322
11H150/605	SUN	78/09/03/030804
11H151/605	SUN	78/09/03/030844
12H152/606	BB1	78/09/03/030927
12H153/607	BB1	78/09/03/031006
11H154/607	BB4	78/09/03/031046
11H155/608	SUN	78/09/03/031135
12H156/608	BB2	78/09/03/031217
11H157/608	SUN	78/09/03/031257
11H158/609	BB4	78/09/03/031520
11H159/609	BB4	78/09/03/031600
11H160/611	BB4	78/09/03/031642
11H161/611	BB4	78/09/03/031729
11H162/611	BLU/T	78/09/03/031807
	GRN/T	78/09/03/031846
	RED/T	78/09/03/031925
11H163/611	IR1/T	78/09/03/032317
	IR2/T	78/09/03/032236
	IR3/T	78/09/03/032004
11H164/611	BB1	78/09/03/032400
11H165/611	BLU/T	78/09/03/032504
	GRN/T	78/09/03/032614
	RED/T	78/09/03/032653

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H166/611	IR1/T	78/07/04/110413
	IR2/T	78/09/03/032811
	IR3/T	78/09/03/032732
11H167/611	IR1/T	78/07/04/110653
	IR2/T	78/07/04/110554
	IR3/T	78/07/04/110455
11H168/611	BLU/T	78/07/04/110757
	GRN/T	78/07/04/110903
	RED/T	78/07/04/111024
11H169/611	IR1/T	78/07/04/111536
	IR2/T	78/07/04/111451
	IR3/T	78/07/04/111128
11H170/611	BLU/T	78/07/04/111617
	GRN/T	78/07/04/111700
	RED/T	78/07/04/111753
11H171/611	BLU/T	78/07/04/111840
	GRN/T	78/07/04/111924
	RED/T	78/07/04/112011
11H172/611	IR1/T	78/07/04/112446
	IR2/T	78/07/04/112345
	IR3/T	78/07/04/112249
11H173/611	BB4	78/07/04/112545
11H174/611	BB4	78/07/04/112737
11H175/611	BLU/T	78/07/04/112845
	GRN/T	78/07/04/112942
	RED/T	78/07/04/113048
11H176/611	IR1/T	78/07/04/110902
	IR2/T	78/07/04/110757
	IR3/T	78/07/04/110658
11H177/611	BLU/T	78/07/04/111010
	GRN/T	78/07/04/111109
	RED/T	78/07/04/111216
11H178/611	IR1/T	78/07/04/111719
	IR2/T	78/07/04/111432
	IR3/T	78/07/04/111335

VL-1 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12H179/611	BB2	78/07/04/111809
11H180/611	BLU/T	78/07/04/111902
	GRN/T	78/07/04/111956
	RED/T	78/07/04/112045
11H181/611	IR1/T	78/07/04/112329
	IR2/T	78/07/04/112236
	IR3/T	78/07/04/112139
11H182/611	BLU/T	78/07/04/112616
	GRN/T	78/07/04/112731
	RED/T	78/07/04/112836
11H183/611	IR1/T	78/07/04/113148
	IR2/T	78/07/04/113053
	IR3/T	78/07/04/112931
11H184/611	SUN	78/07/04/113236
11H185/612	SUN	78/07/04/113328
12H186/612	BB2	78/09/03/033334
11H187/612	BB1	78/09/03/033414
11H188/612	BB2	78/09/03/033454
12H189/612	BB2	78/09/03/033534
11H190/612	SUN	78/09/03/033614
12H191/613	BB2	78/09/03/033656
11H192/613	BB1	78/09/03/033736
11H193/614	BLU/T	78/09/03/033828
	GRN/T	78/09/03/034053
	RED/T	78/09/03/034134
11H194/615	SUN	78/09/03/034213
12H195/615	BLU/T	78/09/03/034253
	GRN/T	78/09/03/034332
	RED/T	78/09/03/034411
12H196/615	BLU/T	78/09/03/034456
	GRN/T	78/09/03/034539

VL-1 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12H196/615	RED/T	78/09/03/034758
12H197/615	IR1/T	78/09/03/035002
	IR2/T	78/09/03/034919
	IR3/T	78/09/03/034840
12H198/615	IR1/T	78/09/03/035253
	IR2/T	78/09/03/035207
	IR3/T	78/09/03/035110
11H199/615	SUN	78/09/03/035355
11H200/616	BB2	78/09/03/040543
12H201/616	BB4	78/09/03/040632
11H202/616	BB4	78/09/03/040732
11H203/616	BB2	78/09/03/040826
12H204/618	BB2	78/09/03/040909
12H205/618	BB3	78/09/03/041001
12H206/618	BB4	78/09/03/041059
		78/09/03/041139
11H207/618	BB3	78/09/03/041408
12H208/618	BB3	78/09/03/041505
		78/09/03/041539
11H209/619	SUN	78/09/03/041624
11H210/619	SUN	78/09/03/041709
11H211/619	SUN	78/09/03/041751
11H212/619	BB3	78/09/03/041838
11H213/619	SUN	79/01/07/213730
11H214/619	BB3	79/01/07/213839
		79/01/07/213920
11H215/619	BB4	79/01/07/214043
		79/01/07/214118

VL-1 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H216/619	SUN	79/01/07/214237
11H217/619	SUN	79/01/07/214323
12H218/620	BB4	79/01/07/214422
11H219/621	SUN	79/01/07/214656
11H220/621	SUN	79/01/07/214813
11H221/623	BB1	79/01/07/214903
11H222/623	UN07/C	79/01/07/214946
12H223/623	BB1	79/01/07/215036
12H224/623	UN07/C	79/01/07/215129
11H225/623	BB4	79/01/07/215224
11H226/623	BB4	79/01/07/215309
12H227/623	BB4	79/01/07/215542
11H228/624	BB4	79/01/07/215636
11H229/625	BB3	79/01/07/215742
11H230/627	SUN	79/01/07/215833
11H231/627	BLU/T	79/01/07/215931
	GRN/T	79/01/07/220024
	RED/T	79/01/07/220136
11H232/627	SUN	79/01/07/220244
11H233/628	SUN	79/01/07/222016
11H234/638	SUN	*79/01/07/222120
11H235/638	SUN	*79/01/07/222227
11H236/639	SUN	79/01/07/222319
11H237/639	BB2	79/01/07/222404
11H238/639	BB2	79/01/07/222452

VL-1 IPL PICTURE IDENTIFIERS (EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11H239/639	SUN	79/01/07/222550
11H240/641	BB4	79/01/07/222654
11H241/642	SUN	79/01/07/222932
11H242/642	SURV	79/01/07/223024
11H243/642	SUN	79/01/07/223116
11H244/645	SUN	79/01/07/223213
11H245/645	SUN	79/01/07/223312
11H246/647	SUN	79/01/07/223425
11H247/648	BLU	79/01/07/223552
11H248/648	SUN	79/01/07/223701
11H249/648	SUN	79/01/07/224541
11H250/649	BLU	79/01/07/224648
11H251/649	SUN	79/01/07/224819
11H252/649	SUN	79/01/07/224952
11H253/649	BLU	79/01/07/225106
11H254/650	SUN	79/01/07/225155
11H255/650	SUN	79/01/07/225245
11I000/650	BLU	79/01/07/225336
11I001/651	SUN	79/01/07/230224
11I002/651	SUN	79/01/07/230332
11I003/651	BLU/T	79/01/07/230425
	GRN/T	79/01/07/230512
	RED/T	79/01/07/230555
11I004/652	BLU	79/01/07/230639
11I005/652	SUN	79/01/07/230718

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I006/652	BB4	79/01/07/230758
11I007/652	SUN	79/01/07/231012
12I008/652	BB4	79/01/07/231056
11I009/652	SUN	79/01/07/231137
12I010/652	BB4	79/01/07/231215
11I011/652	BB1	79/01/07/231259
11I012/652	UN15/C	79/01/07/231354
11I013/652	SUN	79/01/07/231433
12I014/652	BB4	79/01/07/231511
11I015/652	SUN	79/01/07/231947
12I016/652	BB4	79/01/07/232027
11I017/652	SUN	79/01/07/232106
12I018/652	BB4	79/01/07/232153
12I019/652	BB4	79/01/07/232246
11I020/652	BLU/T	79/01/07/232324
	GRN/T	79/01/07/232410
	RED/T	79/01/07/232502
12I021/652	BLU/T	79/01/07/233153
	GRN/T	79/01/07/233305
	RED/T	79/01/07/233346
12I022/652	BLU/T	79/01/07/233425
	GRN/T	79/01/07/233538
	RED/T	79/01/07/233625
12I023/652	BB4	79/01/07/233704
12I024/652	BB1	79/01/07/233805
12I025/652	UN15/C	79/01/07/234055
12I026/652	BLU/T	79/01/07/234139
	GRN/T	79/01/07/234219

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I026/652	RED/T	79/01/07/234305
12I027/652	BB4	79/01/07/234345
11I028/652	SUN	79/01/07/234427
12I029/652	BB4	79/01/07/234510
12I030/652	SUN	79/01/07/234600
12I031/652	BB4	79/01/07/234903
11I032/652	SUN	79/01/07/234952
12I033/652	BB4	79/01/07/235040
11I034/653	BLU	79/01/07/235125
12I035/653	SUN	79/01/07/235259
12I036/653	BB4	79/01/07/235354
		79/01/07/235441
11I037/653	BB2	78/12/02/025435
		78/12/02/025505
11I038/653	BB1	78/12/02/025550
12I039/653	SURV	78/12/02/025659
		78/12/02/025742
		78/12/02/025840
		78/12/02/025947
11I040/656	BB2	78/12/02/030311
		78/12/02/030355
11I041/660	SUN	78/12/02/030444
11I042/660	BB3	78/12/02/030554
		78/12/02/030629
12I043/660	SUN	78/12/02/030734
11I044/666	SUN	78/12/02/030829
11I045/666	BB1	78/12/02/030941
11I046/666	UN15/C	78/12/02/031230

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I047/666	SUN	78/12/02/031311
11I048/672	SUN	78/12/02/031351
11I049/672	BLU/T	78/12/02/031432
	GRN/T	78/12/02/031535
	RED/T	78/12/02/031635
12I050/672	SUN	78/12/02/031731
11I051/678	SUN	78/12/02/031832
11I052/678	BB4	78/12/02/031522
12I053/678	SUN	78/12/02/031610
11I054/684	SUN	78/12/02/031655
12I055/684	BLU	78/12/02/031744
12I056/684	SUN	78/12/02/031840
12I057/684	BLU/T	78/12/02/031939
	GRN/T	78/12/02/032024
	RED/T	78/12/02/032104
12I058/684	BLU/T	78/12/02/032425
	GRN/T	78/12/02/032527
	RED/T	78/12/02/032628
11I059/688	BLU/T	78/12/02/032726
	GRN/T	78/12/02/032823
	RED/T	78/12/02/032902
11I060/688	BB3	78/12/02/032949
11I061/690	BLU/T	78/12/02/033028
	GRN/T	78/12/02/033247
	RED/T	78/12/02/033428
11I062/690	BLU/T	78/12/02/033527
	GRN/T	78/12/02/033624
	RED/T	78/12/02/033731
11I063/690	SUN	78/12/02/033813
12I064/690	BLU	78/12/02/033853

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11I065/690	BB2	78/12/02/033932
12I066/690	BB3	78/12/04/193321
12I067/690	BB1	78/12/04/193402
12I068/690	BLU/T	78/12/04/193443
	GRN/T	78/12/04/193524
	RED/T	78/12/04/193605
12I069/690	BB4	78/12/04/193708
		78/12/04/193747
11I070/690	BB3	78/12/04/193829
12I071/690	BB3	78/12/04/194103
12I072/690	SUN	78/12/04/194229
12I073/693	BB4	78/12/04/194526
		78/12/04/194628
		78/12/04/194722
		78/12/04/194805
11I074/697	SUN	78/12/04/194907
11I075/697	BB3	78/12/04/195300
		78/12/04/195357
12I076/697	SUN	78/12/04/195452
11I077/703	SUN	78/12/04/195551
12I078/703	BB1	78/12/04/195640
12I079/703	UN15/C	78/12/04/195728
12I080/703	SUN	78/12/04/195809
11I081/709	SUN	78/12/04/195856
11I082/709	BLU/T	78/12/04/194241
	GRN/T	78/12/04/194422
	RED/T	78/12/04/194542
12I083/709	SUN	78/12/04/194647

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11I084/715	SUN	78/12/04/194746
11I085/715	BB4	78/12/04/194854
12I086/715	SUN	78/12/04/195001
11I087/721	SUN	78/12/04/195056
12I088/721	BLU	78/12/04/195336
12I089/721	SUN	78/12/04/195423
12I090/721	BLU/T	79/01/27/011308
	GRN/T	79/01/27/011424
	RED/T	79/01/27/011533
12I091/721	BLU/T	79/01/27/011636
	GRN/T	79/01/27/012216
	RED/T	79/01/27/012402
11I092/725	BB3	79/01/27/012519
11I093/725	BB2	79/01/27/012937
		79/01/27/013018
11I094/727	BLU/T	79/01/27/013117
	GRN/T	79/01/27/013215
	RED/T	79/01/27/013332
11I095/727	BLU/T	79/01/27/013433
	GRN/T	79/01/27/013541
	RED/T	79/01/27/013640
11I096/727	SUN	79/01/27/013933
12I097/727	BLU	79/01/27/014031
11I098/727	BB2	79/01/27/014129
12I099/727	BB3	79/01/27/014231
12I100/727	BB1	79/01/27/014321
12I101/727	BLU/T	79/01/27/014749
	GRN/T	79/01/27/014926
	RED/T	79/01/27/015038
12I102/727	BB4	79/01/27/043321

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I102/727	BB4	79/01/27/043408
11I103/727	BB3	79/01/27/043510
12I104/727	BB3	79/01/27/043612
12I105/727	SUN	79/01/27/043657
11I106/730	BLU/T	79/01/27/043759
		79/01/27/043851
	GRN/T	79/01/27/050229
		79/01/27/050326
	RED/T	79/01/27/050453
		79/01/27/050603
11I107/734	SUN	79/01/27/050707
11I108/734	BB3	79/01/27/050822
		79/01/27/050907
12I109/734	SUN	79/01/27/051020
11I110/740	SUN	79/01/27/051345
11I111/740	BB1	79/01/27/051458
11I112/740	UN07/C	79/01/27/051559
12I113/740	SUN	79/01/27/051733
11I114/746	SUN	79/01/27/051859
11I115/746	BLU/T	79/01/27/052025
	GRN/T	79/01/27/052131
	RED/T	79/01/27/052215
12I116/746	SUN	79/01/27/042707
11I117/752	SUN	79/01/27/042805
11I118/752	BB4	79/01/27/042923
12I119/752	SUN	79/01/27/043012
11I120/758	SUN	79/01/27/043119
12I121/758	BLU	79/01/27/043213

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I122/758	SUN	79/01/27/043320
12I123/758	BLU/T	79/01/27/043417
	GRN/T	79/01/27/043828
	RED/T	79/01/27/043931
12I124/758	BLU/T	79/01/27/050004
	GRN/T	79/01/27/050059
	RED/T	79/01/27/050205
11I125/762	BLU/T	79/01/27/050324
	GRN/T	79/01/27/050434
	RED/T	79/01/27/050603
11I126/762	BB4	79/01/27/051018
		79/01/27/051105
		79/01/27/051141
11I127/764	BLU/T	79/01/27/051250
	GRN/T	79/01/27/051403
	RED/T	79/01/27/051521
11I128/764	BLU/T	79/01/27/051714
	GRN/T	79/01/27/051642
	RED/T	79/01/27/064103
11I129/764	SUN	79/01/27/064140
12I130/764	BLU	79/01/27/064219
11I131/764	BB2	79/01/27/064258
12I132/764	BB3	79/01/27/064337
12I133/764	BB1	79/01/27/064415
12I134/764	BLU/T	79/01/27/064453
	GRN/T	79/01/27/064532
	RED/T	79/01/27/064803
12I135/764	BB4	79/01/27/064852
		79/01/27/064921
11I136/764	BB3	79/01/27/065000
12I137/764	BB3	79/01/27/065037
12I138/764	SUN	79/01/27/065114

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11I139/767	BB4	79/01/27/070029
		79/01/27/070111
		79/01/27/070221
		79/01/27/070305
		79/01/27/070348
		79/01/27/070505
		79/01/27/070616
12I140/771	SUN	79/01/27/070744
11I141/771	BB3	79/03/20/225353
		79/03/20/225458
12I142/771	SUN	79/03/20/225616
12I143/777	SUN	79/03/20/225714
12I144/777	BB1	79/03/20/225838
12I145/777	UN15/C	79/03/20/225928
12I146/777	SUN	79/03/20/230008
12I147/783	SUN	79/03/20/230110
11I148/783	BLU/T	79/03/20/230732
	GRN/T	79/03/20/230817
	RED/T	79/03/20/230904
12I149/783	SUN	79/03/20/230957
12I150/789	SUN	79/03/20/231104
11I151/789	BB4	79/03/03/041430
12I152/789	SUN	79/03/03/041511
12I153/795	SUN	79/03/03/041551
12I154/795	BLU	79/03/03/041639
12I155/795	SUN	79/03/03/041717
12I156/795	BLU/T	79/03/03/041808
	GRN/T	79/03/03/041848
	RED/T	79/03/03/041935

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I157/795	BLU/T	79/03/03/042154
	GRN/T	79/03/03/042236
	RED/T	79/03/03/042325
12I158/799	BB4	79/03/03/042448
		79/03/03/042539
		79/03/03/042620
		79/03/03/042702
11I159/799	BB2	79/03/03/043039
		79/03/03/043109
11I160/801	BLU/T	79/03/03/043148
	GRN/T	79/03/03/043228
	RED/T	79/03/03/043309
11I161/801	BLU/T	79/03/03/043355
	GRN/T	79/03/03/043440
	RED/T	79/03/03/043526
11I162/801	SUN	79/03/07/000000
12I163/801	BLU	79/03/07/000100
11I164/801	BB2	79/03/07/000155
12I165/801	BB3	79/03/07/000309
12I166/801	BB1	79/03/07/000443
12I167/801	BLU/T	79/03/07/000550
	GRN/T	79/03/07/000744
	RED/T	79/03/07/000906
12I168/801	BB4	79/03/07/001207
		79/03/07/001244
11I169/801	BB3	79/03/07/001355
12I170/801	BB3	79/03/07/001500
12I171/801	SUN	79/03/07/001630
12I172/804	BB4	79/03/07/001959
		79/03/07/002029
		79/03/07/002102
		79/03/07/002155

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I173/804	BB2	79/03/07/002319
		79/03/07/002409
		79/03/07/002500
		79/03/07/002558
11I174/808	SUN	79/03/06/231932
11I175/808	BB3	79/03/06/232033
		79/03/06/232120
12I176/808	SUN	79/03/06/232205
11I177/814	SUN	79/03/06/232247
11I178/814	BB1	79/03/06/232329
11I179/814	UN07/C	79/03/06/232422
12I180/814	SUN	79/03/06/232506
11I181/820	SUN	79/03/06/232900
11I182/820	BLU/T	79/03/06/233011
	GRN/T	79/03/06/233054
	RED/T	79/03/06/233138
12I183/820	SUN	79/03/06/233247
11I184/826	SUN	79/03/06/233441
11I185/826	BB4	79/03/06/233647
12I186/826	SUN	79/03/06/233800
11I187/832	SUN	79/03/06/234032
12I188/832	BLU	79/03/06/234142
12I189/832	SUN	79/03/06/234241
12I190/832	BLU/T	79/03/06/234340
	GRN/T	79/03/06/234442
	RED/T	79/03/06/234606
12I191/832	BLU/T	79/03/06/234707
	GRN/T	79/03/06/234813
	RED/T	79/03/07/001305

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I192/836	BB1	79/03/07/001516
		79/03/07/001615
		79/03/07/001719
		79/03/07/001755
12I193/836	BB4	79/03/07/002143
		79/03/07/002227
		79/03/07/002315
		79/03/07/002402
		79/03/07/002451
11I194/838	BLU/T	79/03/07/002604
	GRN/T	79/03/07/002649
	RED/T	79/03/07/002738
11I195/838	BLU/T	79/03/07/003005
	GRN/T	79/03/07/003045
	RED/T	79/03/07/003123
11I196/838	SUN	79/03/07/003202
12I197/838	BLU	79/03/07/003241
11I198/838	BB2	79/03/07/003321
12I199/838	BB3	79/03/07/003400
12I200/838	BB1	79/03/07/003438
12I201/838	BLU/T	79/03/06/234548
	GRN/T	79/03/06/234641
	RED/T	79/03/06/234734
12I202/838	BB4	79/03/06/234912
		79/03/06/234950
11I203/838	BB3	79/03/06/235045
12I204/838	BB3	79/03/06/235143
12I205/838	SUN	79/03/06/235240
12I206/841	BB4	79/03/06/235537
		79/03/06/235652
		79/03/06/235814
		79/03/06/235914
11I207/841	BB1	79/03/07/000306

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
11I207/841	BB1	79/03/07/000407
		79/03/07/000522
		79/03/07/000615
		79/03/07/000745
12I208/849	BB4	79/08/03/004344
12I209/849	BB4	79/08/03/004509
12I210/849	BB4	79/08/03/004624
12I211/849	BB4	79/08/03/005002
11I212/856	BB4	79/08/03/005114
12I213/861	BB4	79/08/03/005228
12I214/861	BB4	79/08/03/005345
12I215/861	BB4	79/08/03/005500
12I216/861	BB4	79/08/03/005604
11I217/871	BB4	79/08/03/005732
12I218/873	BB4	79/08/03/005929
12I219/873	BB4	79/08/03/010357
12I220/873	BB4	79/08/03/010506
12I221/873	BB4	79/08/03/010621
12I222/885	BB4	79/08/03/010735
12I223/885	BB4	79/08/03/010902
12I224/885	BB4	79/08/03/011013
12I225/885	BB4	79/08/03/011144
11I226/886	BB4	79/08/03/011304
12I227/897	BB4	79/08/03/021622
12I228/897	BB4	79/08/03/021924
12I229/897	BB4	79/08/03/022147

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I230/897	BB4	79/08/03/022235
12I231/901	BB4	79/08/03/022316
12I232/908	BB4	79/08/03/022744
12I233/909	BB4	79/08/03/023046
12I234/909	BB4	79/08/03/023540
12I235/909	BB4	79/08/03/024308
12I236/909	BB4	79/08/03/024359
12I237/920	SUN	79/08/03/024450
12I238/920	SUN	79/08/03/024536
12I239/920	SUN	79/08/03/024950
12I240/920	SUN	79/08/03/025159
12I241/920	SUN	79/08/03/025330
12I242/920	SUN	79/08/03/025433
12I243/920	SUN	79/08/03/025755
12I244/920	SUN	79/08/03/025917
12I245/920	SUN	79/08/03/030047
12I246/920	SUN	79/08/03/030357
12I247/920	SUN	79/08/03/030635
12I248/920	SUN	79/08/03/030926
12I249/920	SUN	79/08/03/031039
12I250/920	SUN	79/08/03/031356
12I251/920	BLU	79/08/03/012943
12I252/920	SUN	79/08/03/013034
12I253/920	SUN	79/08/03/013133

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IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

CELABEL	DIODE2	IPLPICID
12I254/920	SUN	79/08/03/013231
12I255/920	SUN	79/08/03/013349
12J000/920	BLU/T	79/08/03/013441
	GRN/T	79/08/03/013603
	RED/T	79/08/03/013712
12J001/920	BLU/T	79/08/03/013950
	GRN/T	79/08/03/014037
	RED/T	79/08/03/014125
12J002/920	BLU/T	79/08/03/014213
	GRN/T	79/08/03/014313
	RED/T	79/08/03/014414
12J003/921	BB1	79/08/03/014501
11J004/921	BB3	79/08/03/014552
12J005/921	BLU/T	79/08/03/014921
	GRN/T	79/08/03/015026
	RED/T	79/08/03/015134
11J006/921	BLU/T	79/08/03/015244
	GRN/T	79/08/03/015510
	RED/T	79/08/03/015644
11J007/921	BB2	79/08/03/015752
12J008/921	BB2	79/08/03/015852
11J009/921	BB4	79/06/27/011939
11J010/921	BB4	79/06/27/012058
11J011/921	BB4	79/06/27/012234
12J012/921	BB4	79/06/27/012350
11J013/921	BB2	79/06/27/012450
11J014/921	BB1	79/06/27/012543
11J015/921	UN07/C	79/06/27/012702
12J016/921	BB1	79/06/27/012803

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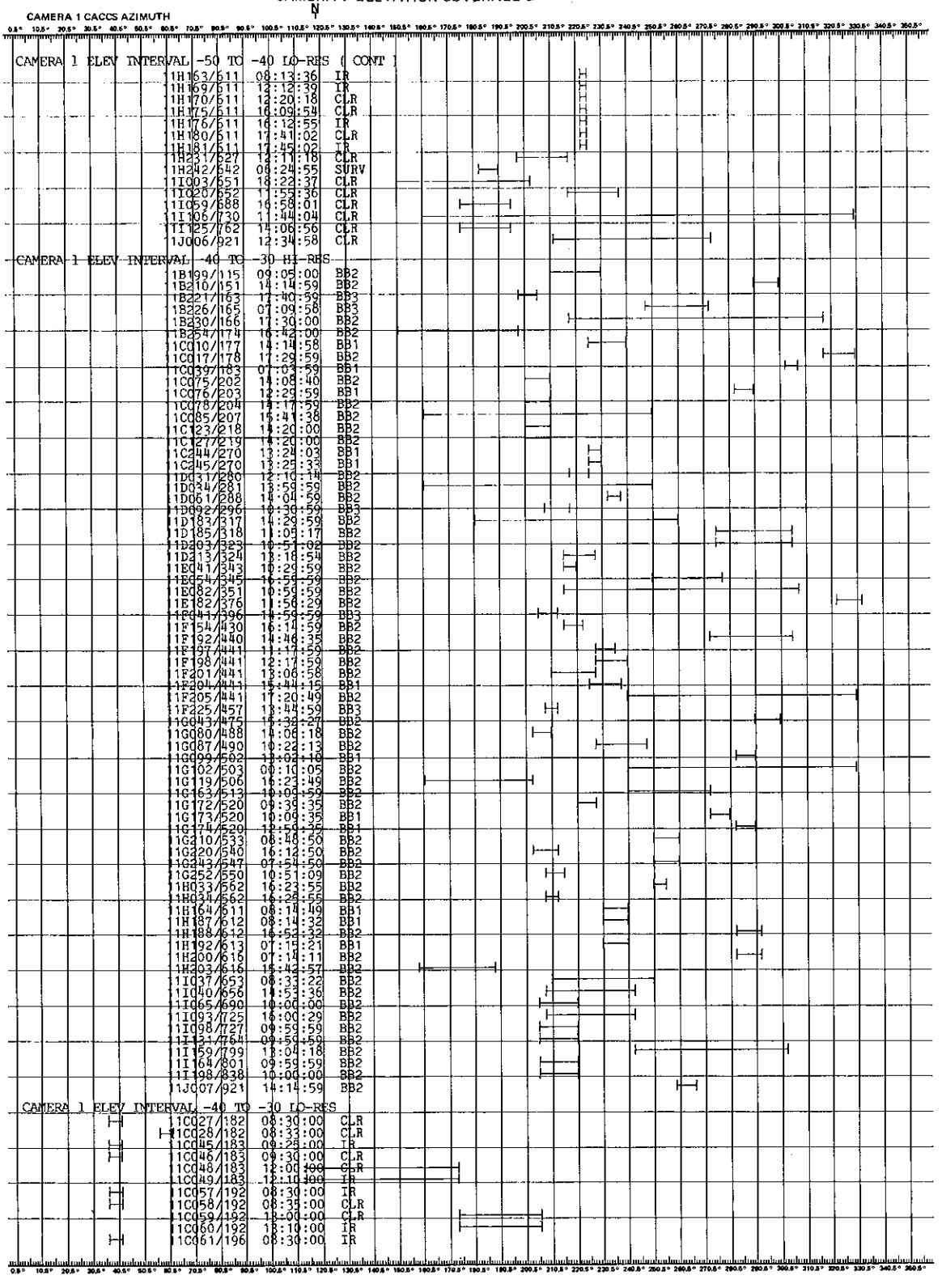
IPL PICTURE IDENTIFIERS

(EDR ORDER NUMBERS)

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12J017/921	UN06/C	79/06/27/013044

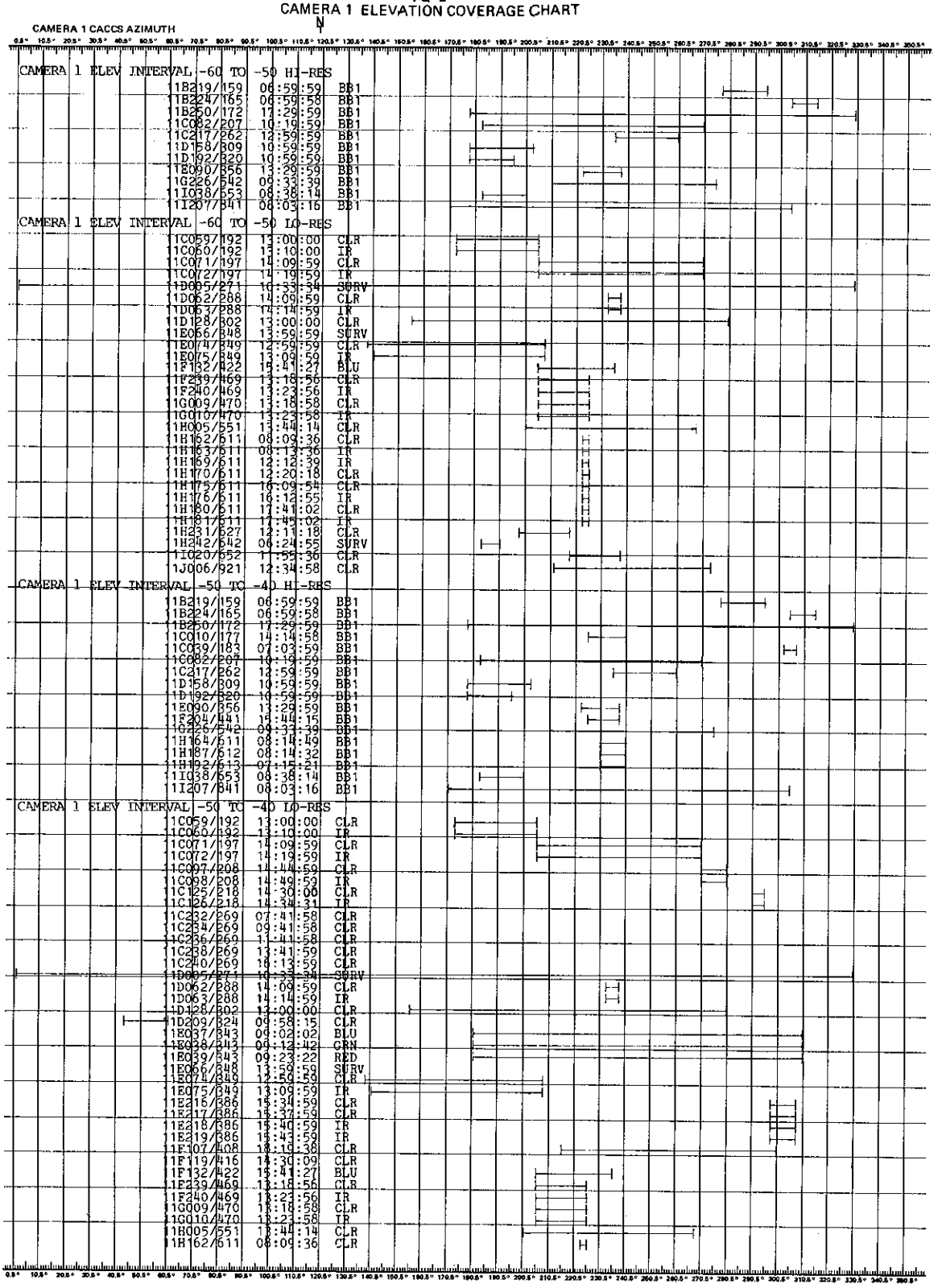
ELEVATION COVERAGE CHARTS

VL-1
CAMERA 1 ELEVATION COVERAGE CHART



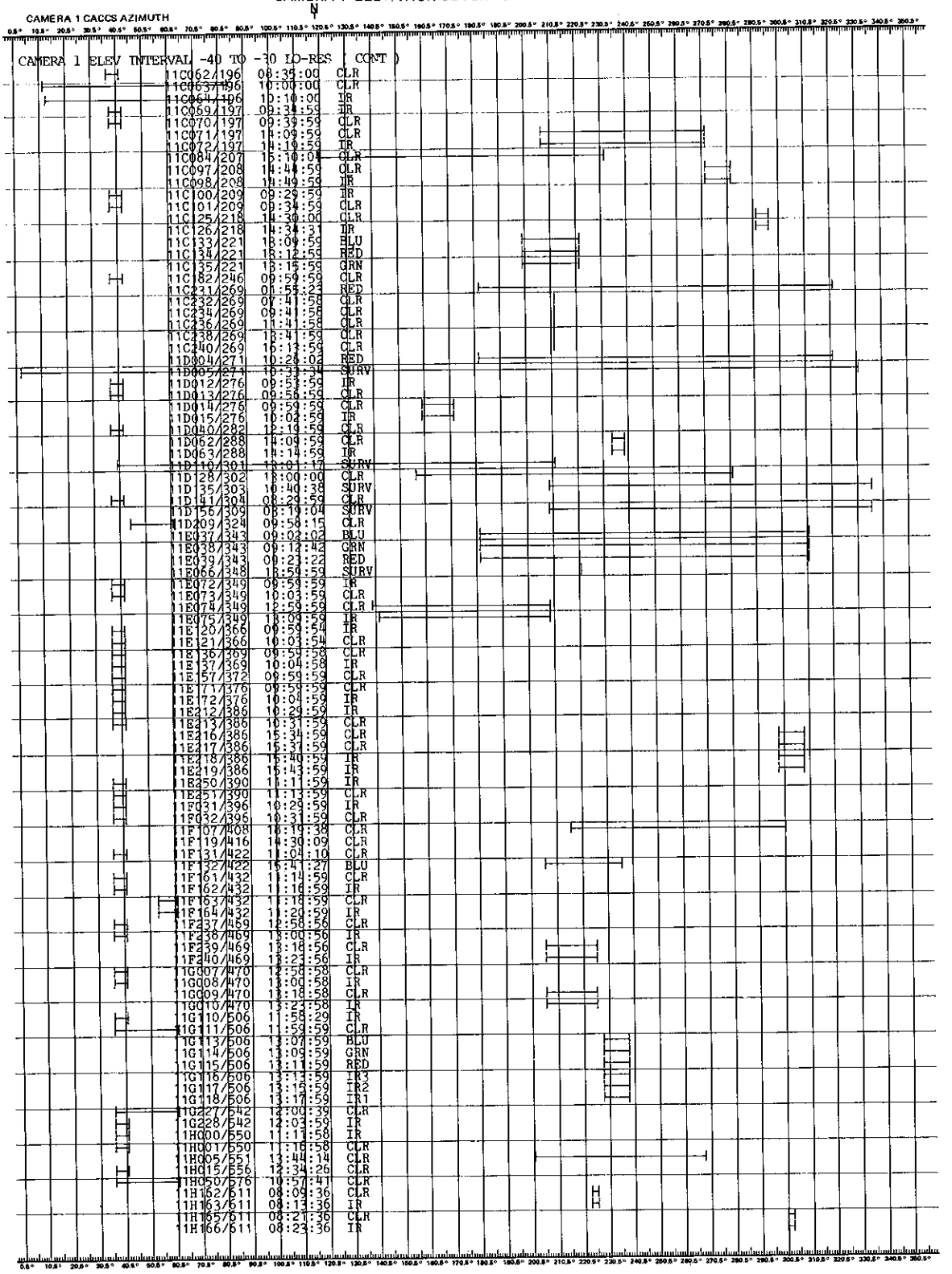
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CAMERA 1 ELEVATION COVERAGE CHART

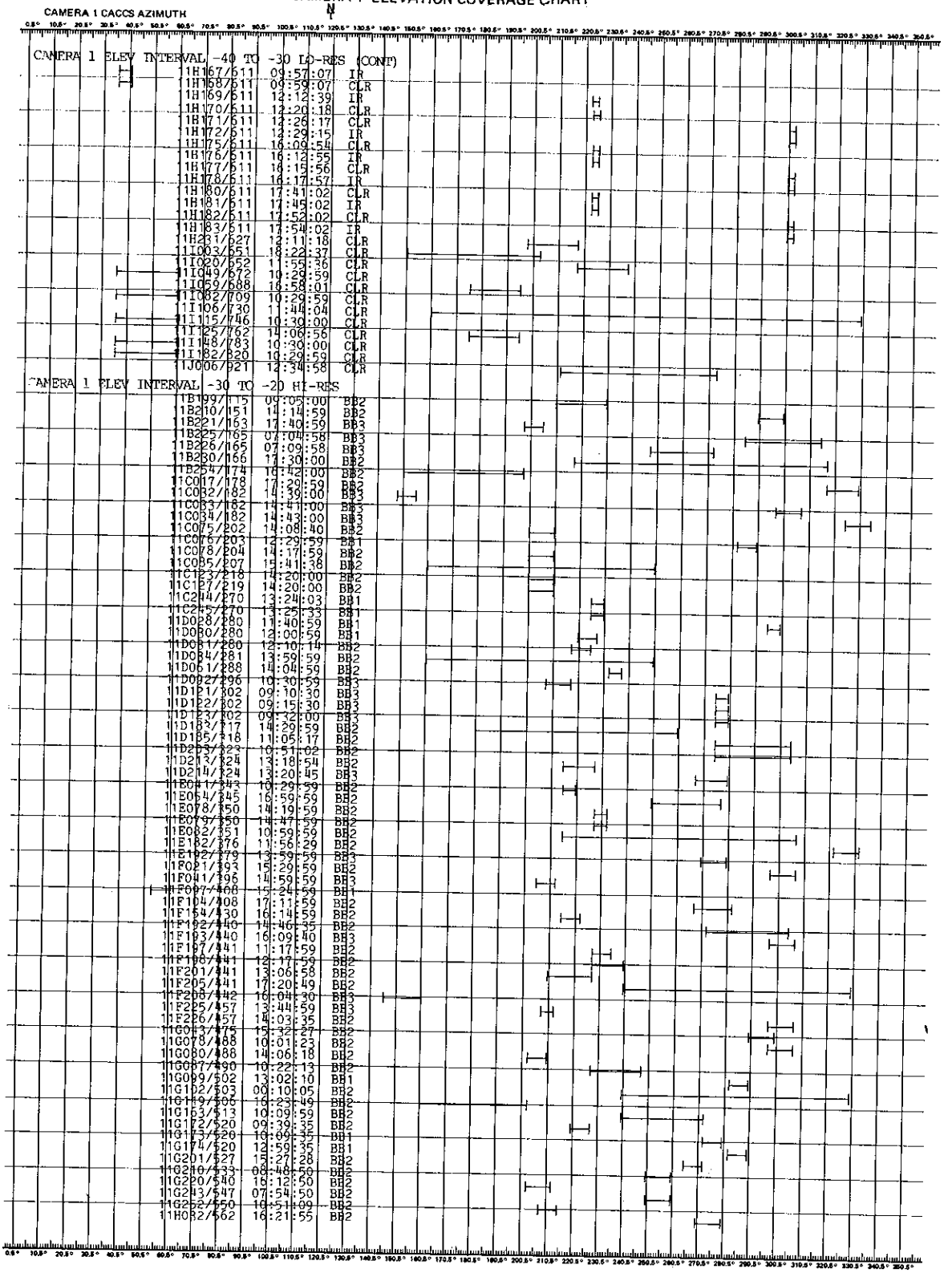


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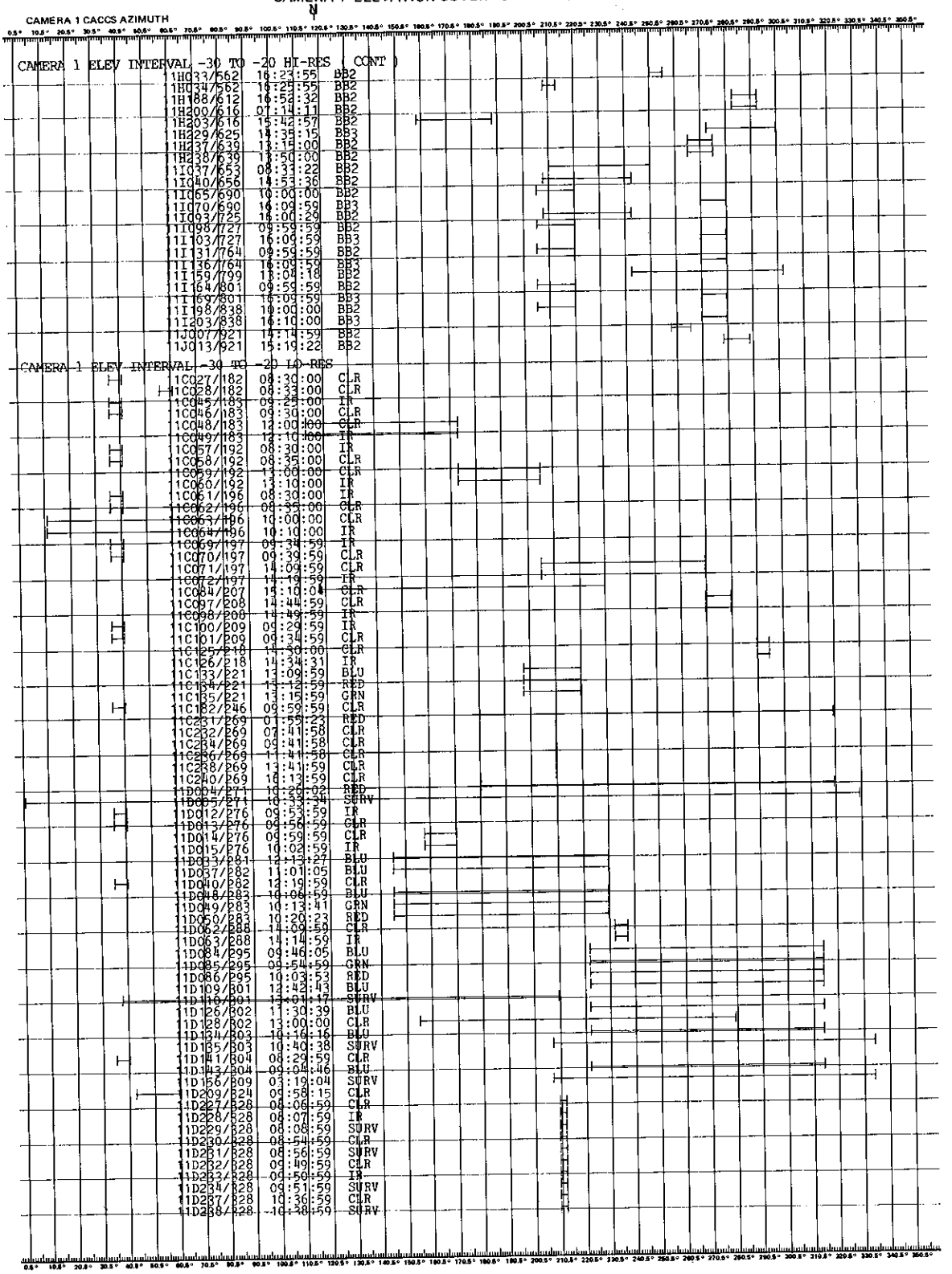
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CAMERA 1 ELEVATION COVERAGE CHART

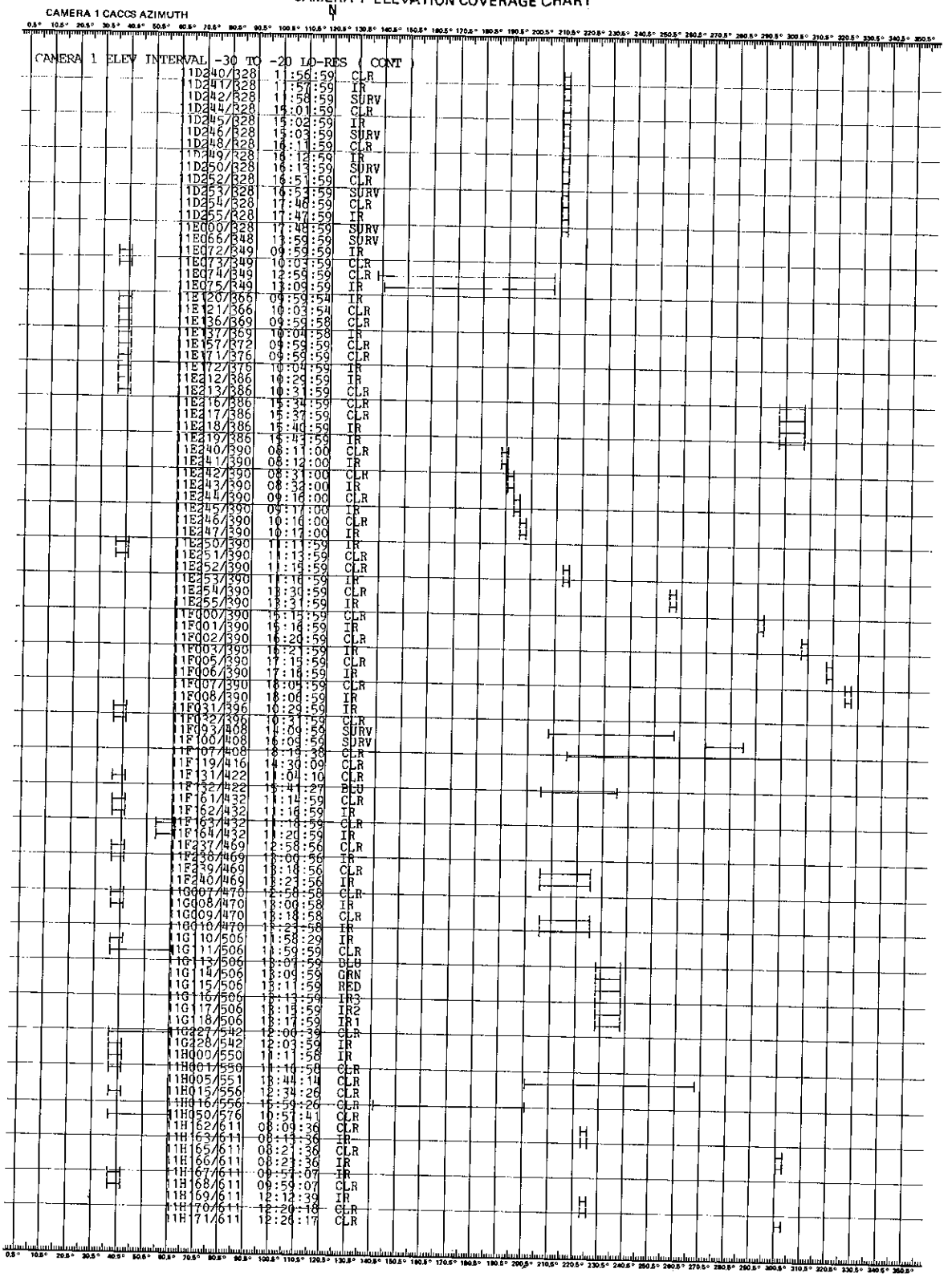


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CAMERA 1 ELEVATION COVERAGE CHART

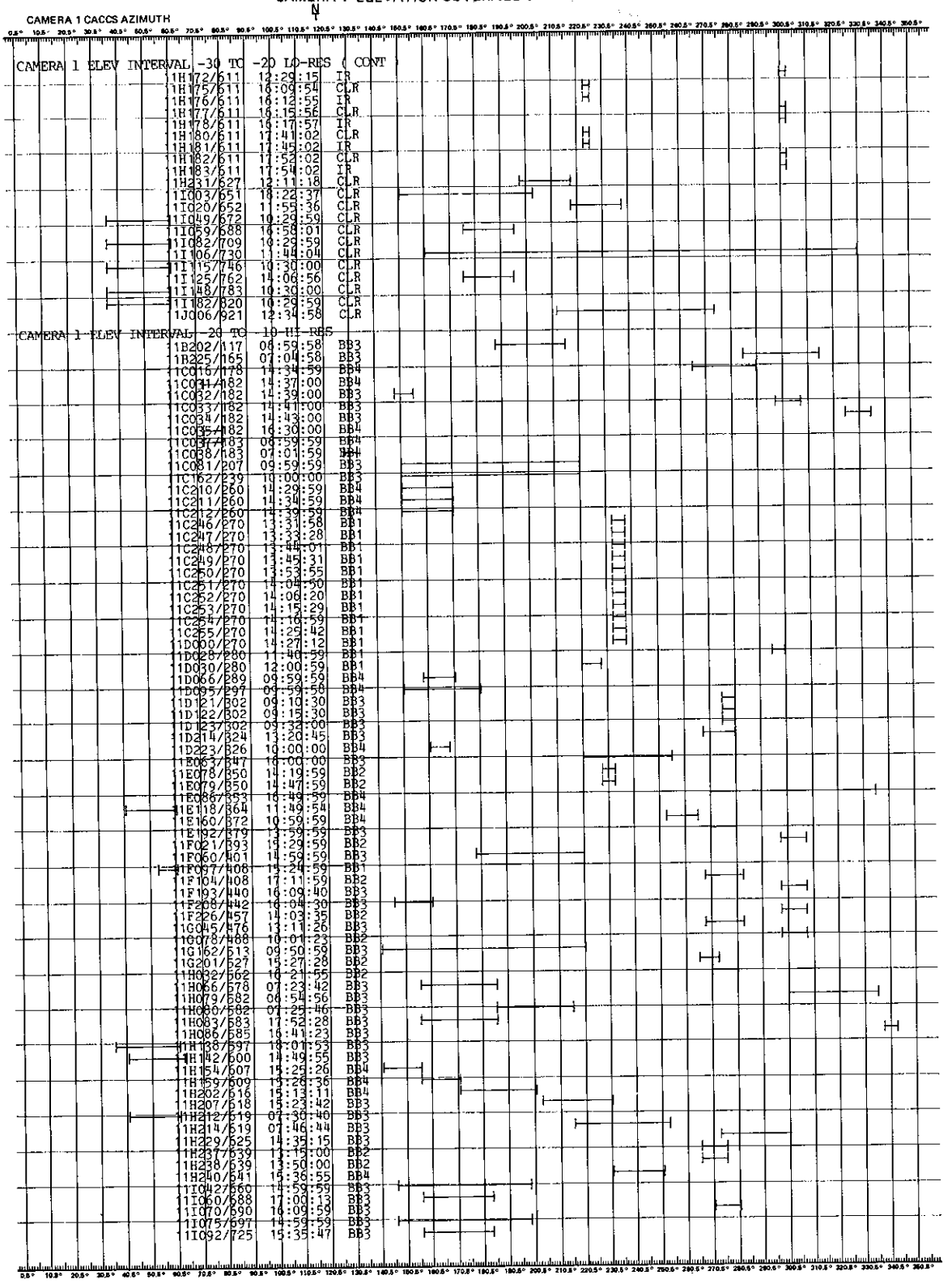


VL-1

CAMERA 1 ELEVATION COVERAGE CHART

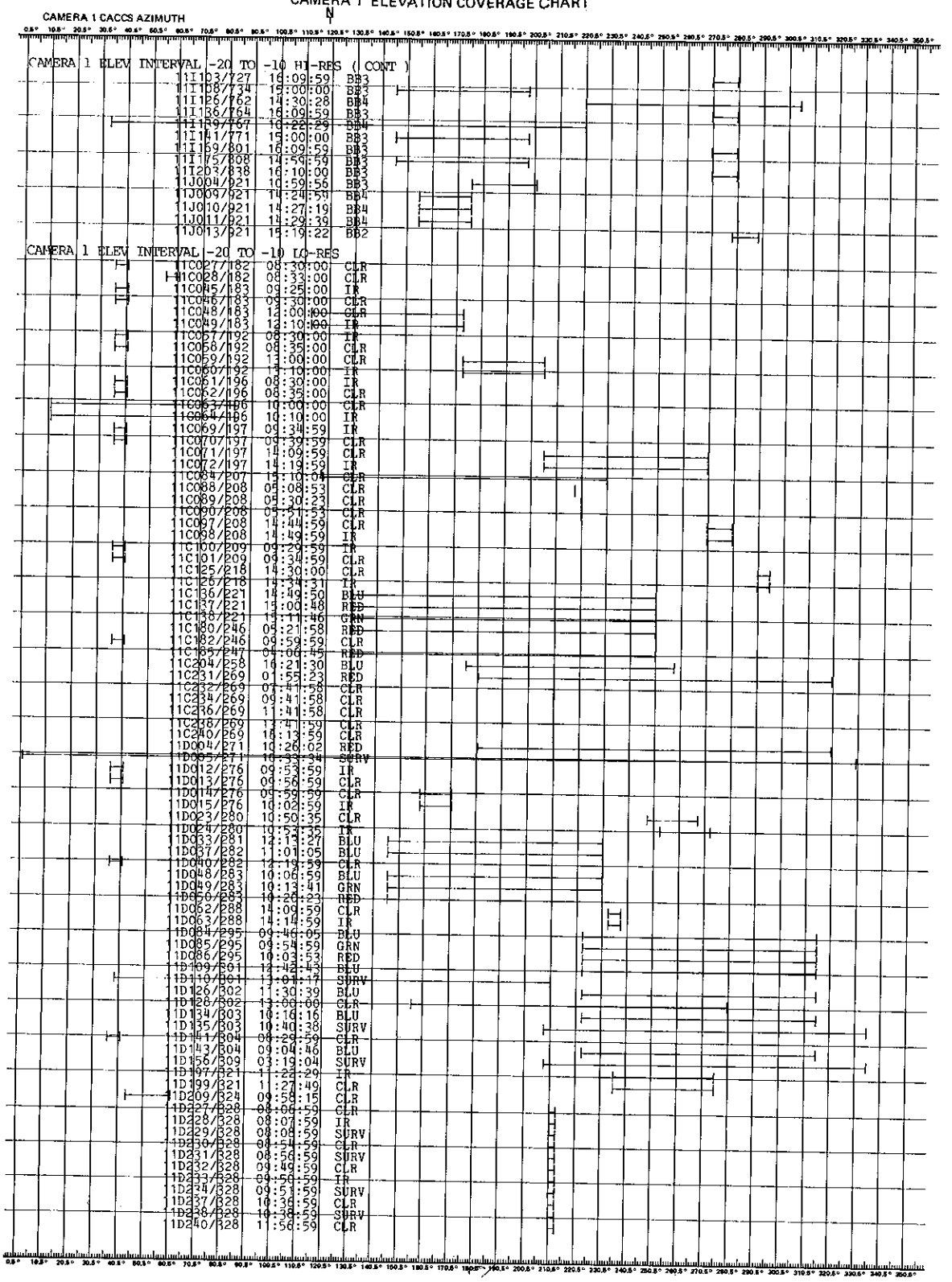


VL-1
CAMERA 1 ELEVATION COVERAGE CHART

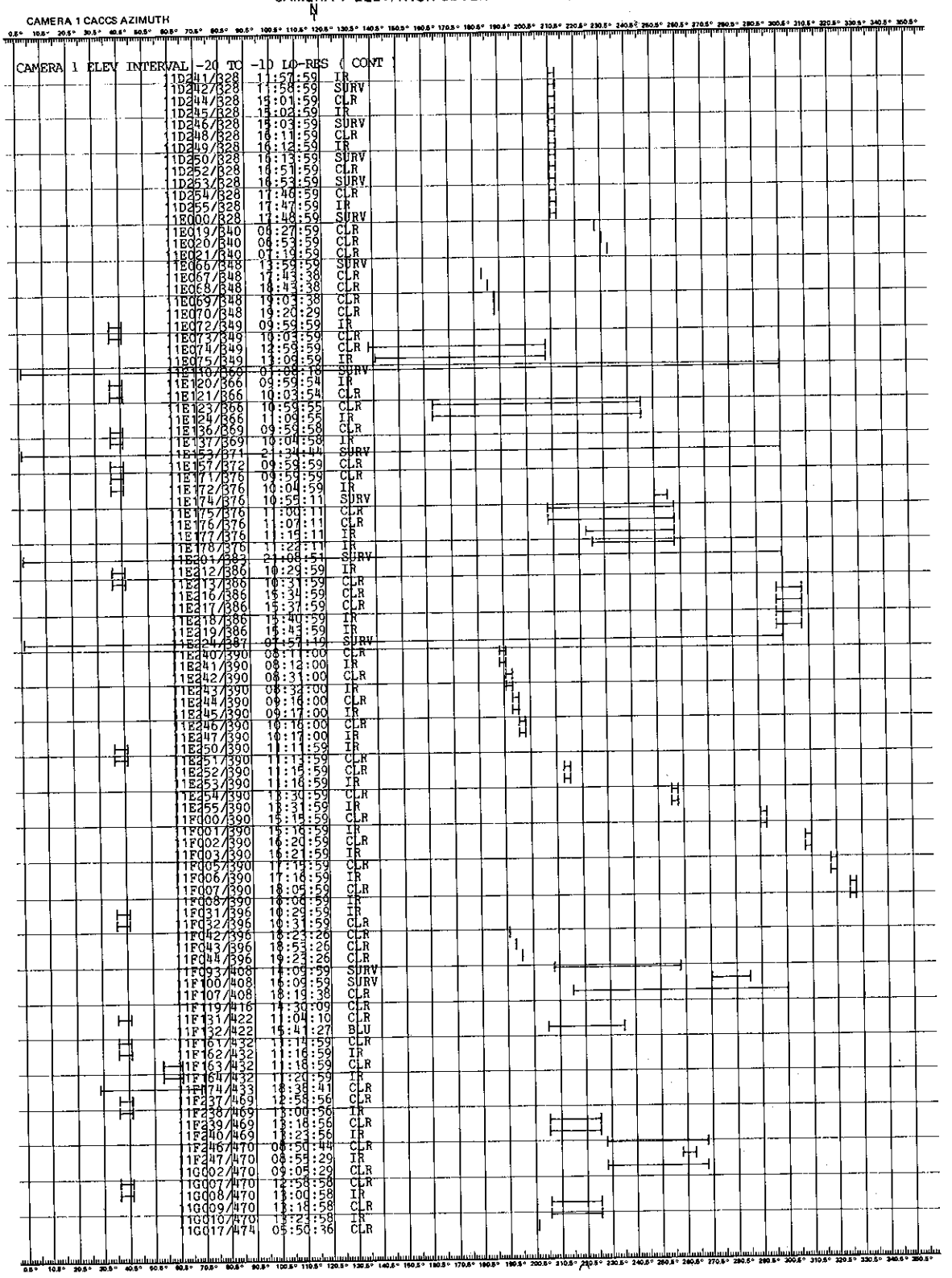


VL-1

CAMERA 1 ELEVATION COVERAGE CHART

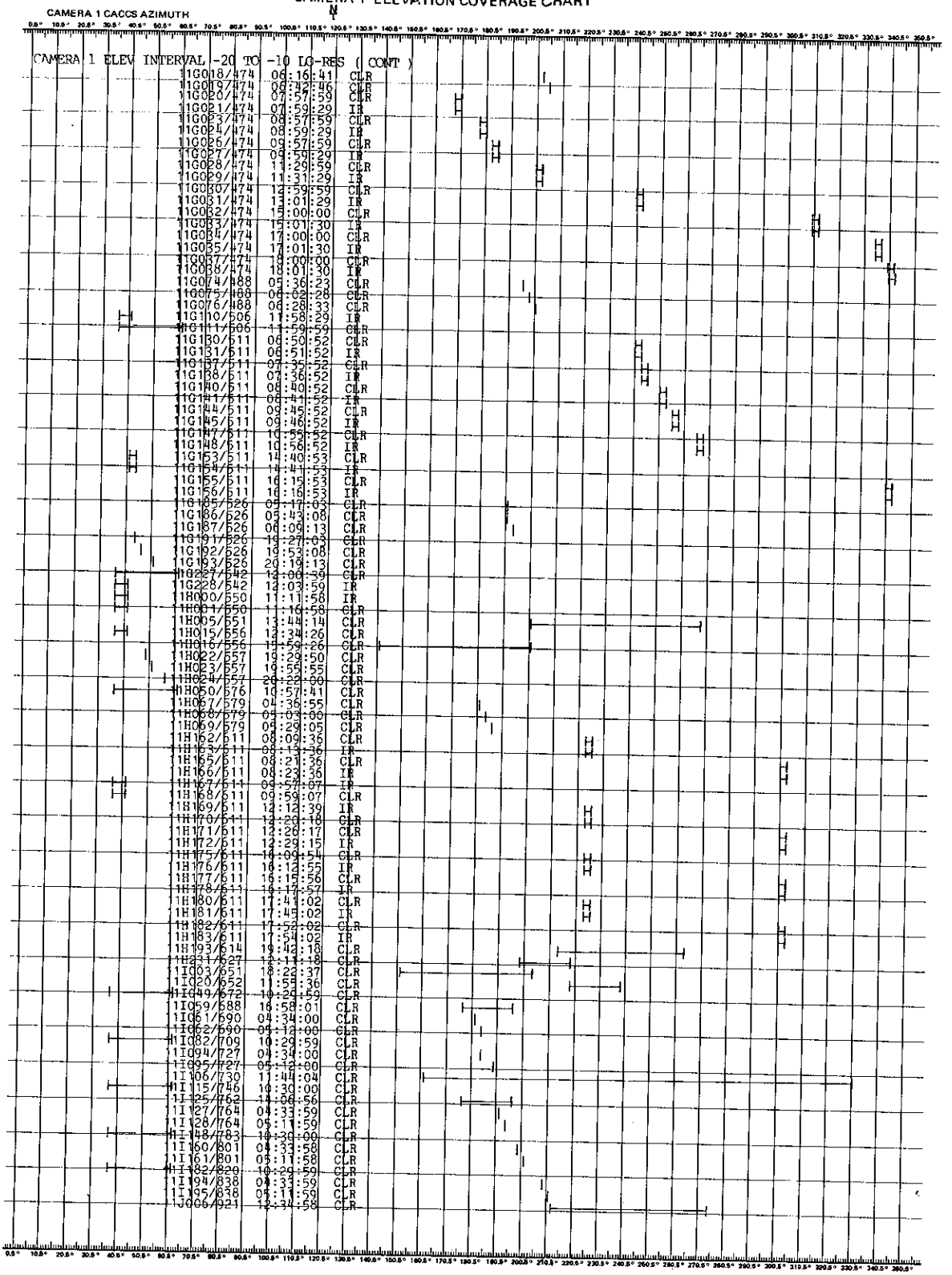


VL-1
CAMERA 1 ELEVATION COVERAGE CHART



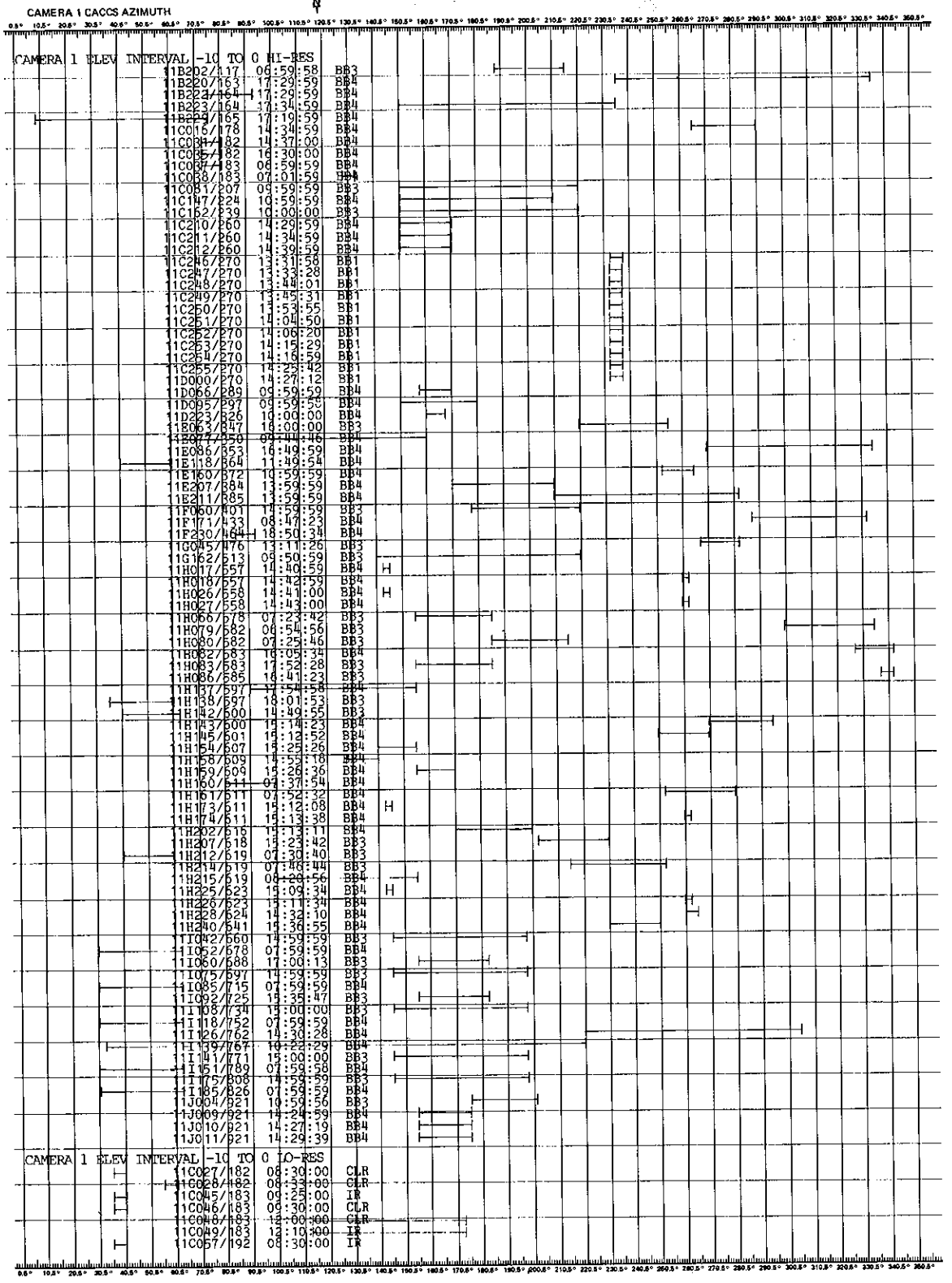
VL-1

CAMERA 1 ELEVATION COVERAGE CHART



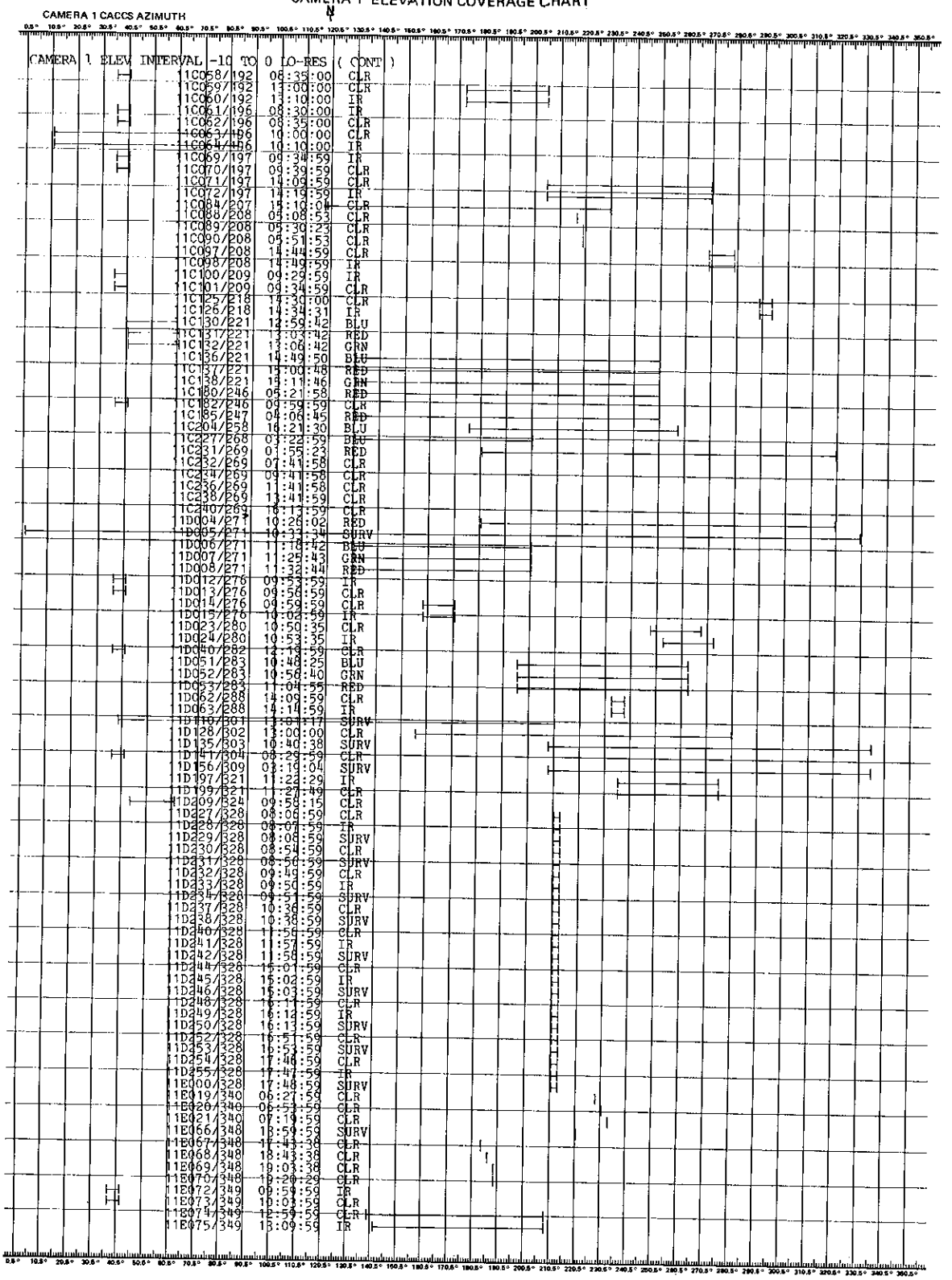
VL-1

CAMERA 1 ELEVATION COVERAGE CHART



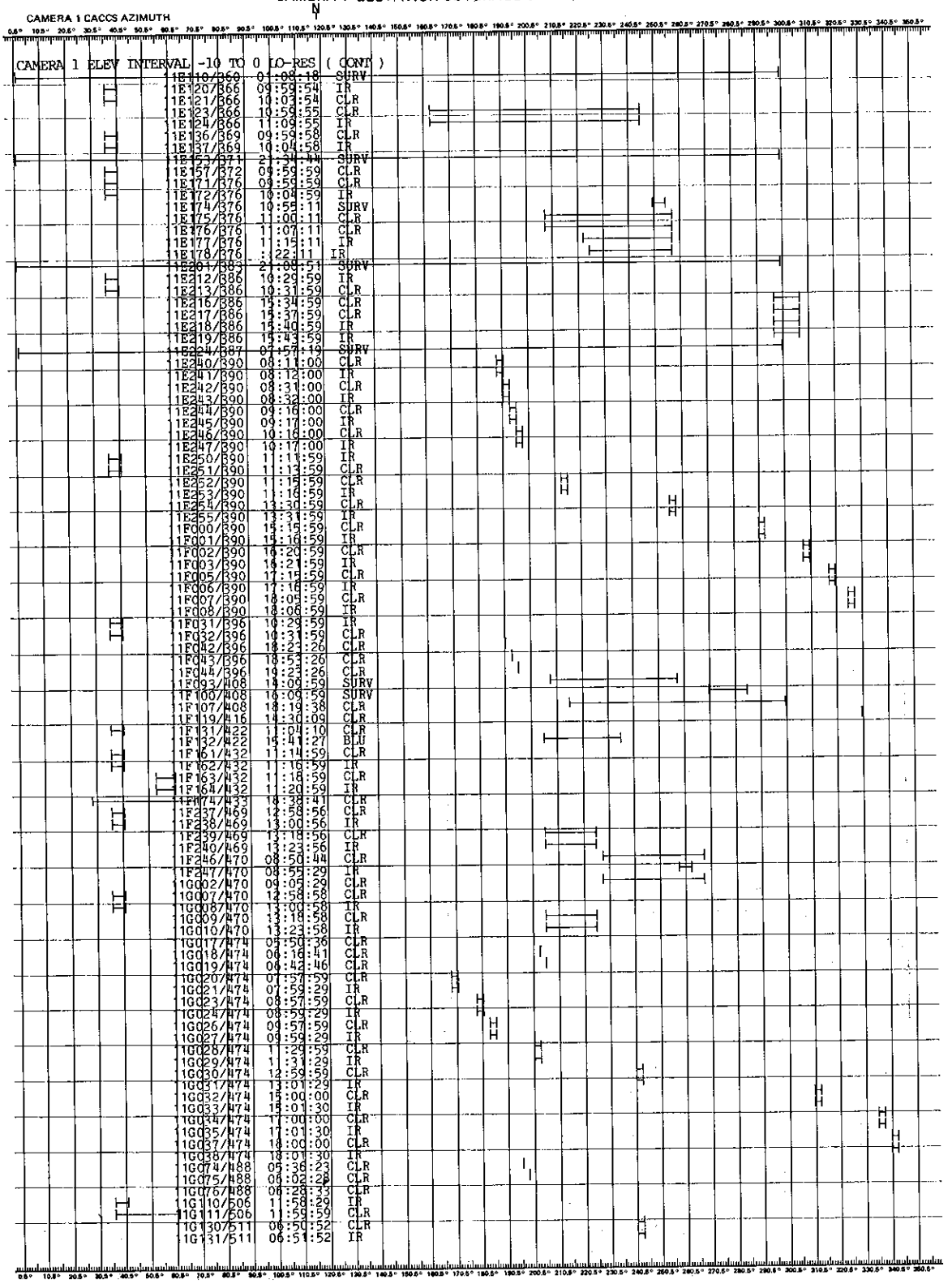
VL-1

CAMERA 1 ELEVATION COVERAGE CHART



VL-1

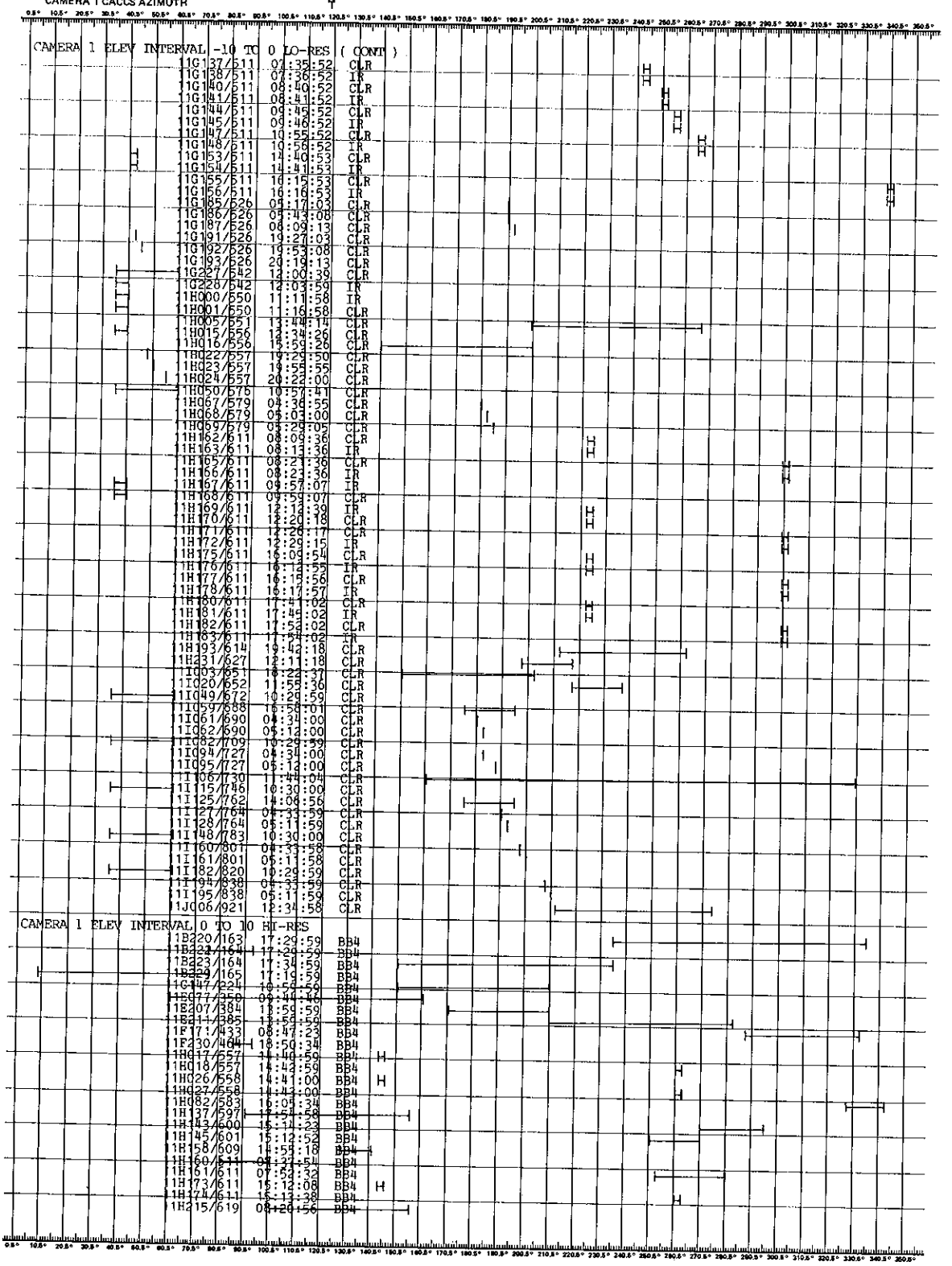
CAMERA 1 ELEVATION COVERAGE CHART



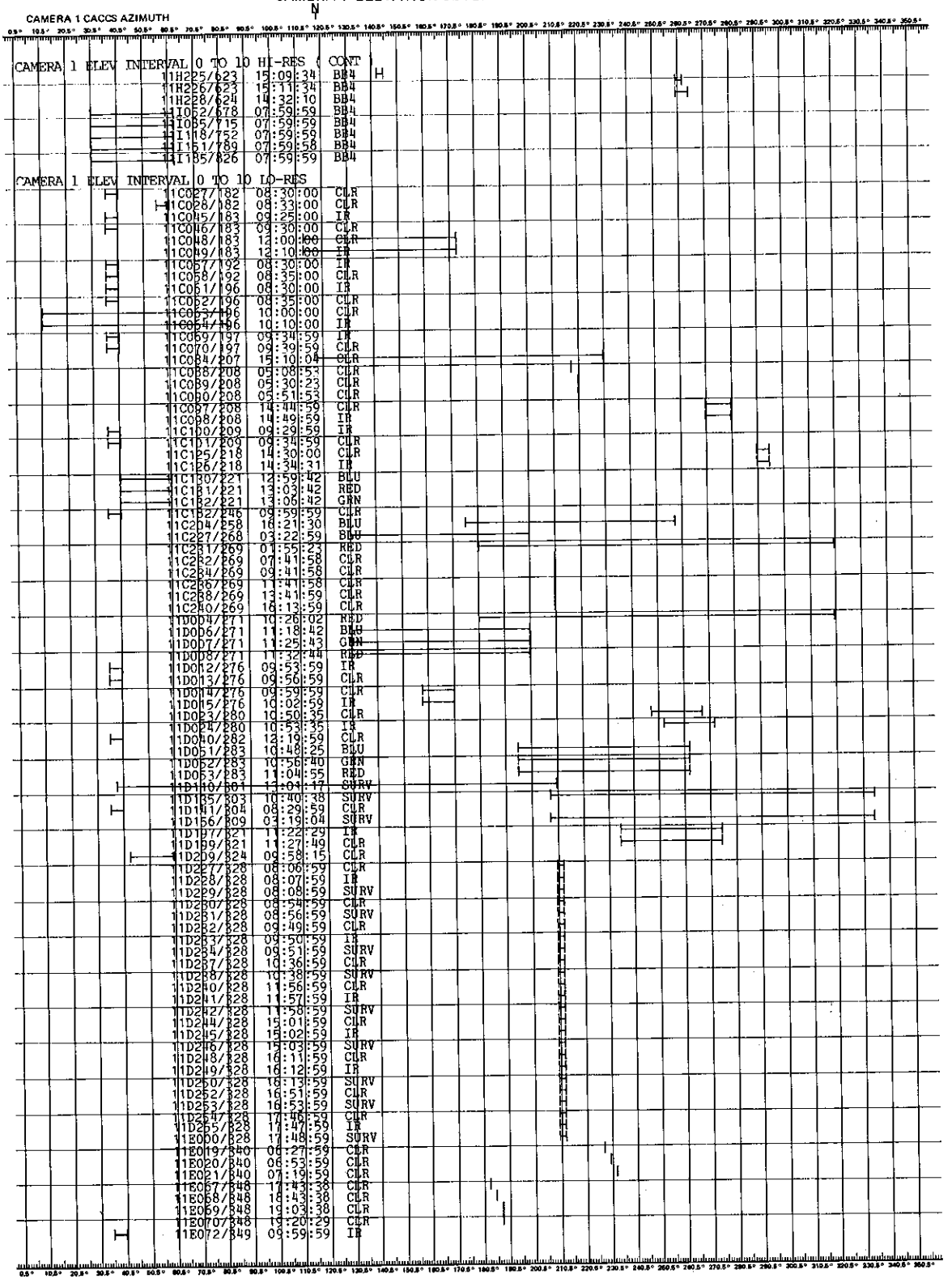
VL-1
CAMERA 1 ELEVATION COVERAGE CHART

CAMERA 1 CACCS AZIMUTH

N



VL-1
CAMERA 1 ELEVATION COVERAGE CHART

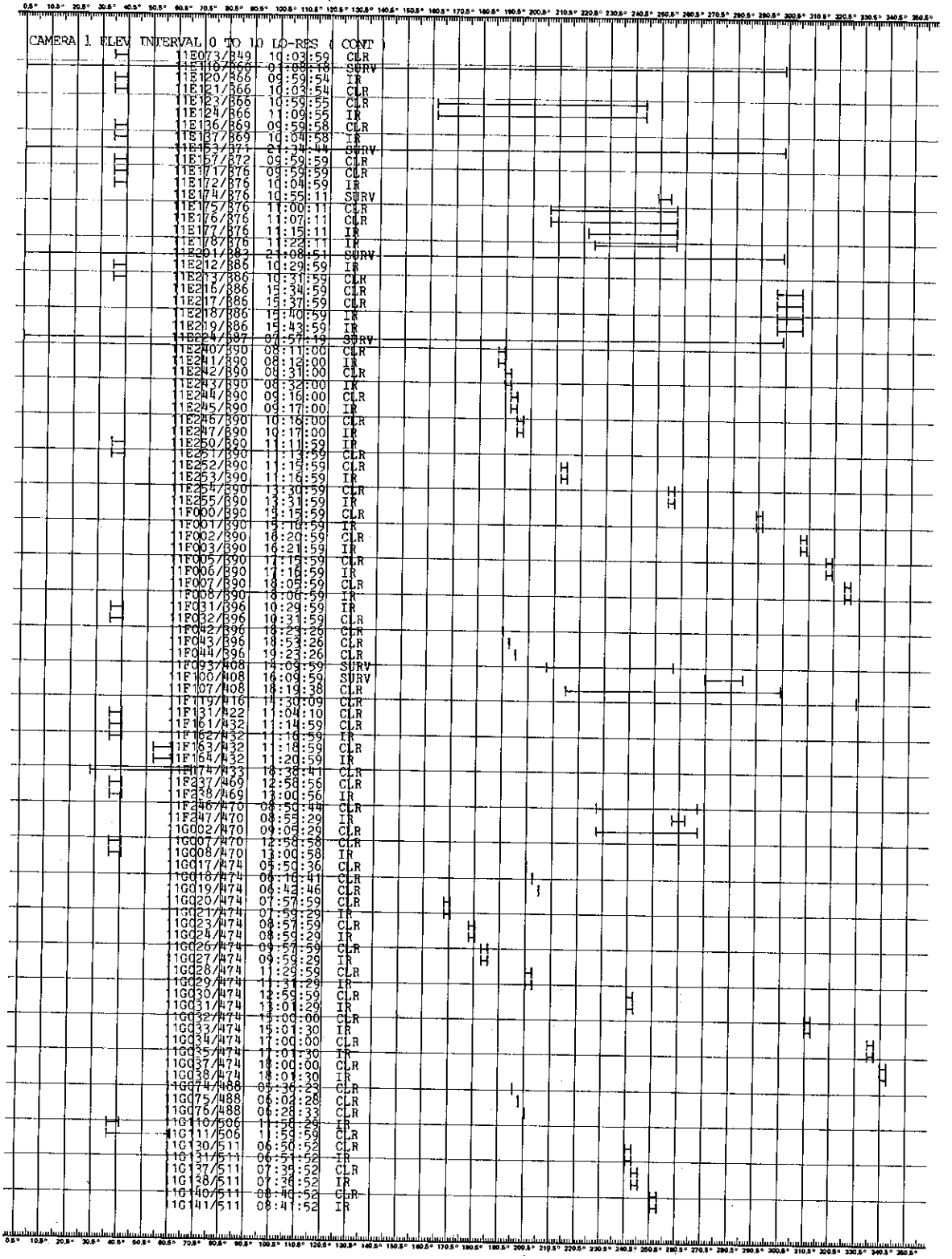


VL-1

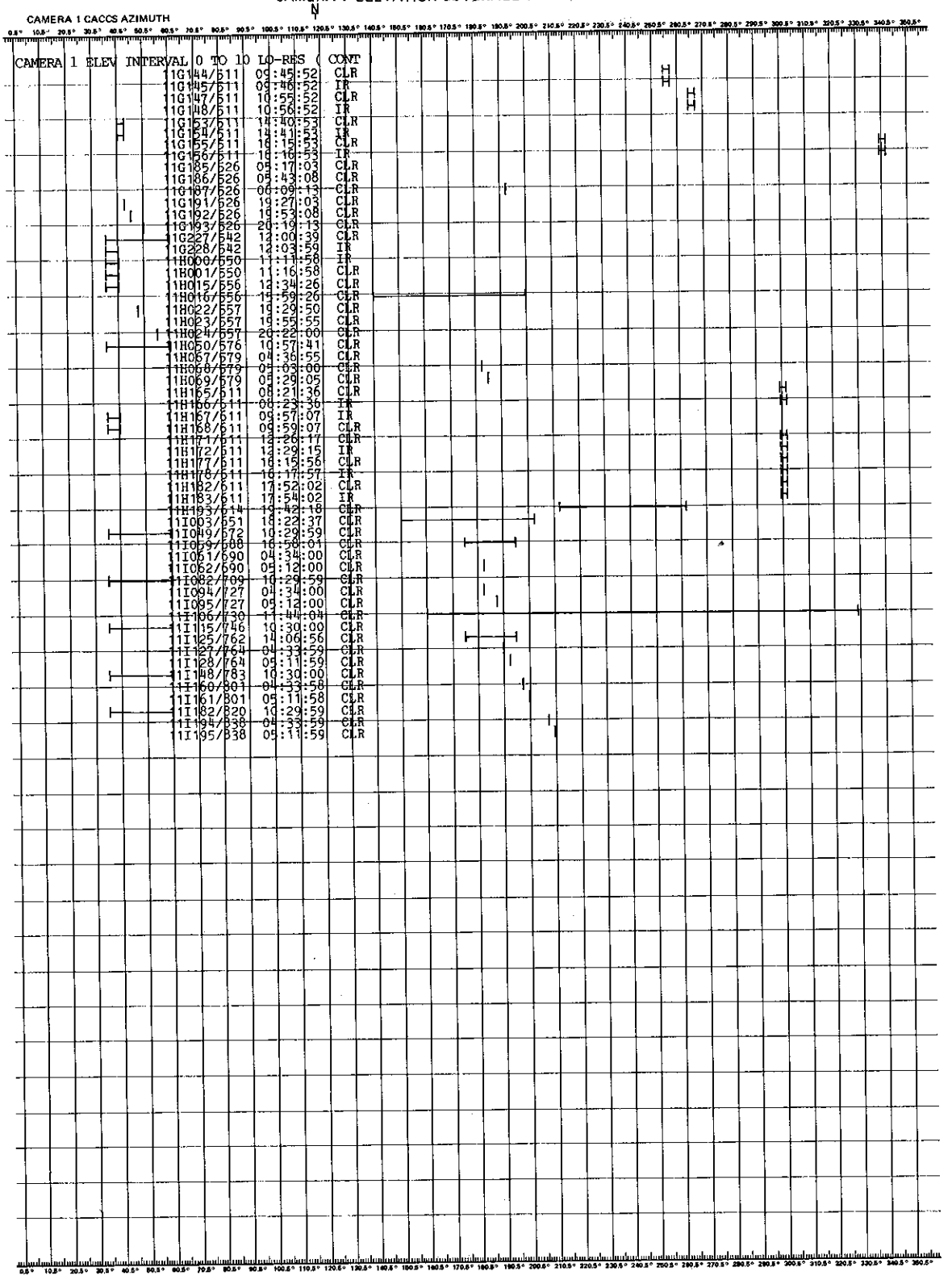
CAMERA 1 ELEVATION COVERAGE CHART

CAMERA 1 CACCS AZIMUTH

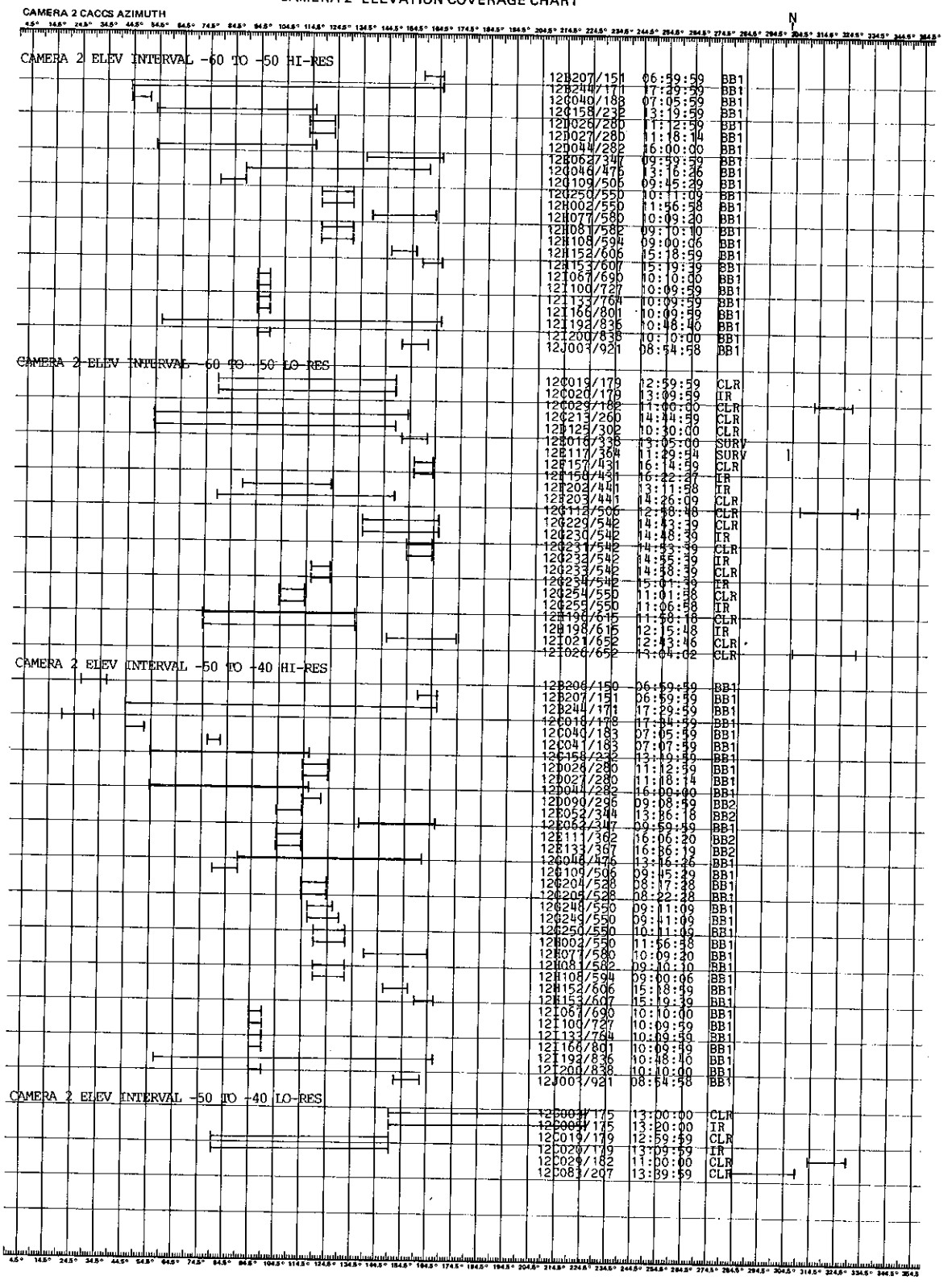
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VL-1
CAMERA 1 ELEVATION COVERAGE CHART

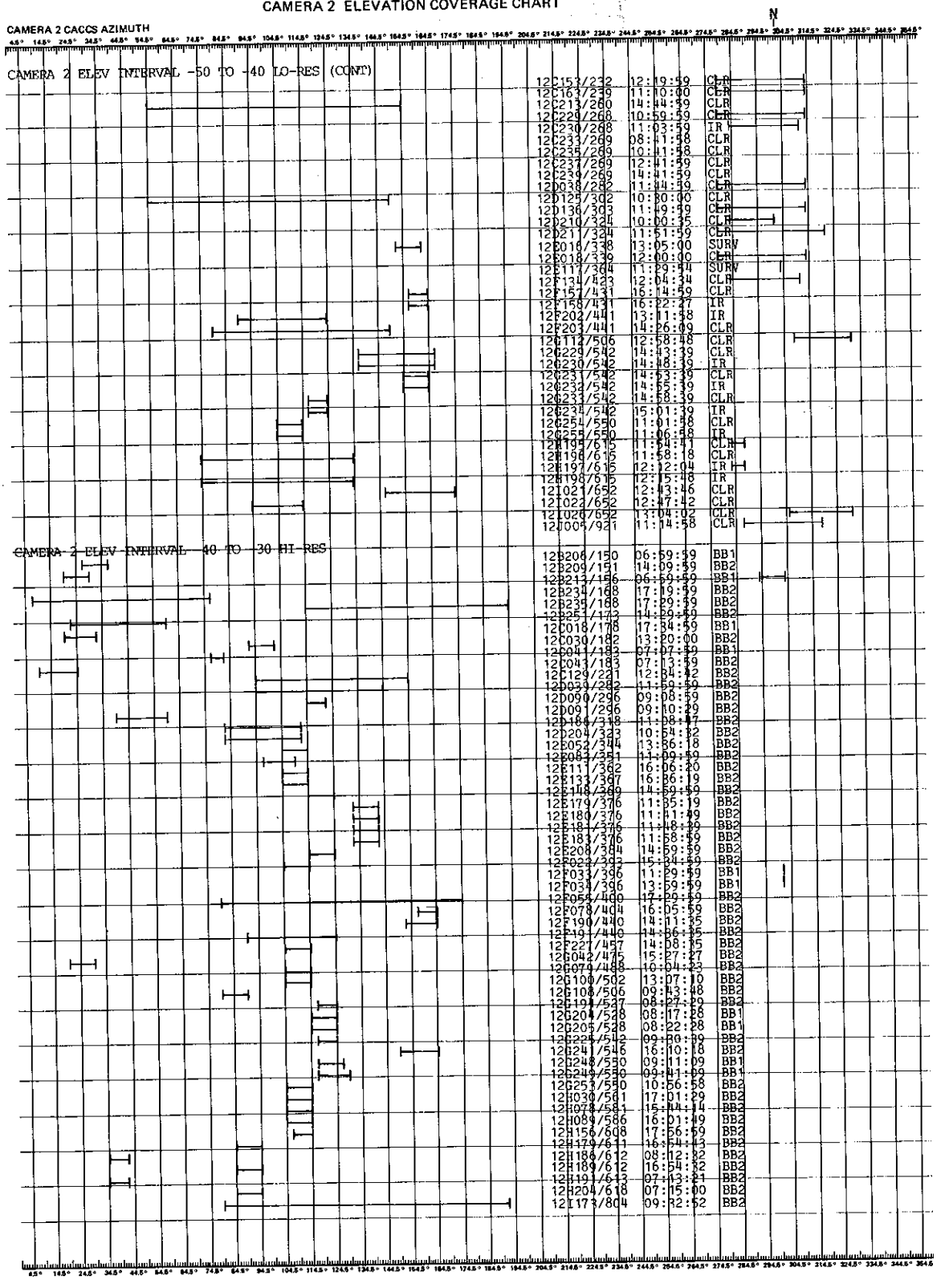


VL-1
CAMERA 2 ELEVATION COVERAGE CHART



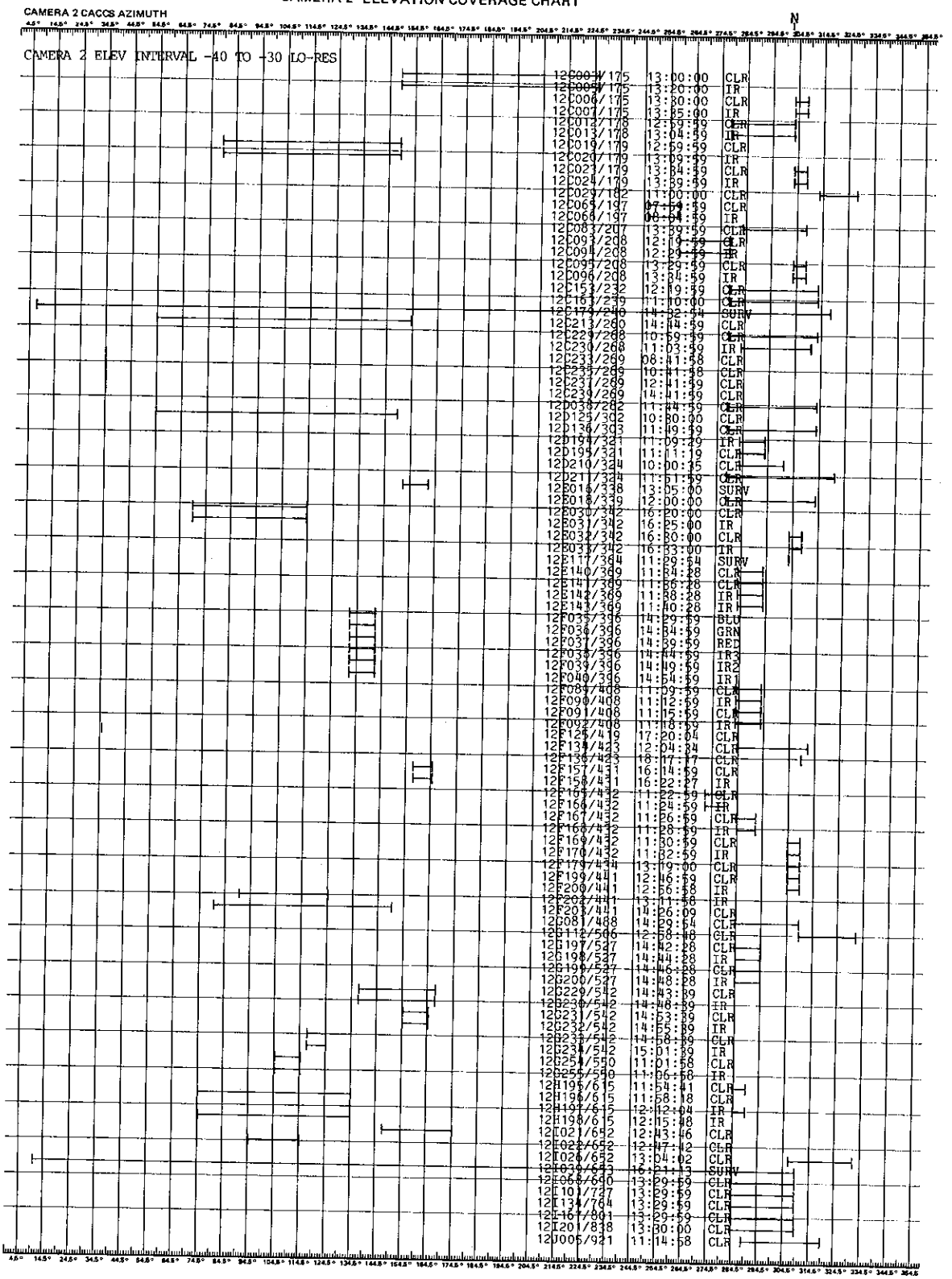
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12B244/171	17:29:59	BB1
12C040/183	07:05:59	BB1
12C158/232	13:19:59	BB1
12D028/280	11:12:59	BB1
12D027/280	11:18:14	BB1
12D044/282	16:00:00	BB1
12E062/347	09:59:59	BB1
12C046/476	13:16:26	BB1
12C109/506	09:45:29	BB1
12C250/550	10:11:09	BB1
12H002/550	11:56:58	BB1
12H077/580	10:09:20	BB1
12H081/582	09:10:10	BB1
12H108/594	09:00:06	BB1
12H152/606	15:18:59	BB1
12H153/607	15:19:39	BB1
12I067/690	10:10:00	BB1
12I100/727	10:09:59	BB1
12I133/764	10:09:59	BB1
12I166/801	10:09:59	BB1
12I192/836	10:48:40	BB1
12I200/838	10:10:00	BB1
12J003/921	08:54:58	BB1
12C019/179	12:59:59	CLR
12C020/179	13:09:59	IR
12C029/182	11:00:00	CLR
12C213/266	14:44:59	CLR
12B125/302	10:30:00	CLR
12E167/338	13:05:00	SURV
12E117/364	11:29:54	SURV
12E157/431	16:14:59	CLR
12E158/431	16:22:27	IR
12I202/441	13:11:58	IR
12E203/441	14:26:09	CLR
12C112/506	12:48:48	CLR
12C229/542	14:43:39	CLR
12C230/542	14:48:39	IR
12C231/542	14:53:39	CLR
12C232/542	14:55:39	IR
12C233/542	14:58:39	CLR
12C234/542	15:01:39	IR
12C254/550	11:01:58	CLR
12C255/550	11:06:58	IR
12I198/615	11:58:18	CLR
12I198/615	12:15:48	IR
12I021/652	12:43:46	CLR
12I026/652	11:04:02	CLR
12B206/150	06:59:59	BB1
12B207/151	06:59:59	BB1
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12D028/280	11:12:59	BB1
12D027/280	11:18:14	BB1
12D044/282	16:00:00	BB1
12D090/296	09:08:59	BB2
12E052/344	13:56:18	BB2
12E062/347	09:59:59	BB1
12E111/362	16:06:20	BB2
12E133/367	16:56:19	BB2
12C046/476	13:16:26	BB1
12C109/506	09:45:29	BB1
12C204/538	08:17:38	BB1
12C205/538	08:22:38	BB1
12C248/550	09:11:09	BB1
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12C020/179	13:09:59	IR
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CAMERA 2 ELEVATION COVERAGE CHART

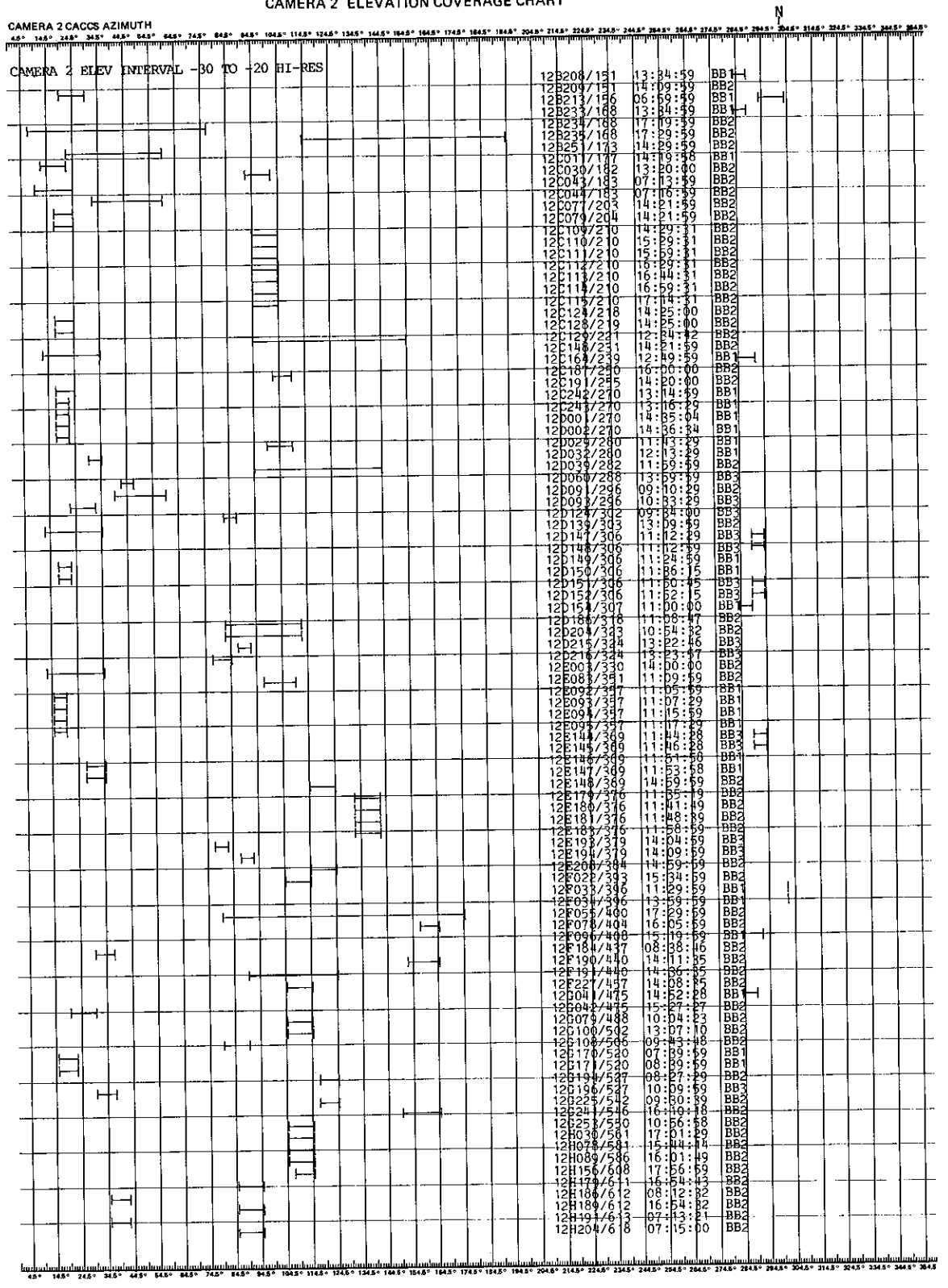


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12C163/239	11:10:00	CLR
12C213/260	14:44:59	CLR
12C229/266	10:59:59	CLR
12C230/268	11:03:59	IR
12C233/269	08:41:58	CLR
12C235/269	10:41:58	CLR
12C237/269	12:41:59	CLR
12C239/269	14:41:59	CLR
12D038/282	11:44:59	CLR
12D125/302	10:30:00	CLR
12D136/303	11:49:59	CLR
12D210/324	10:00:35	CLR
12D211/324	11:51:59	CLR
12E016/338	13:05:00	SURV
12E018/339	12:00:00	CLR
12E117/364	11:29:44	SURV
12F134/423	12:04:34	CLR
12F157/431	16:14:59	CLR
12F158/431	16:22:27	IR
12F202/441	13:11:58	IR
12F203/441	14:26:09	CLR
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12G230/542	14:48:39	IR
12G231/542	14:53:39	CLR
12G232/542	14:55:39	IR
12G233/542	14:58:39	CLR
12G234/542	15:01:39	IR
12G254/550	11:01:58	CLR
12G255/550	11:06:58	IR
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12H196/615	11:58:18	CLR
12H197/615	12:12:04	IR
12H198/615	12:15:08	IR
12I021/652	12:43:56	CLR
12I022/652	12:47:42	CLR
12I026/652	13:04:02	CLR
12J005/921	11:14:58	CLR
12B208/150	06:59:59	BB1
12B209/151	14:09:59	BB2
12B213/156	06:59:59	BB1
12B234/168	17:19:39	BB2
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12B251/172	14:29:17	BB2
12C018/178	17:34:59	BB1
12C030/182	13:20:00	BB2
12C041/183	07:07:39	BB1
12C043/183	07:13:59	BB2
12C129/221	12:34:42	BB2
12D039/282	11:59:59	BB2
12D090/296	09:08:59	BB2
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12E133/367	16:36:19	BB2
12E148/369	14:59:59	BB2
12E179/376	11:35:19	BB2
12E180/376	11:41:49	BB2
12E181/376	11:48:39	BB2
12E183/376	11:58:59	BB2
12E208/384	14:59:59	BB2
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12F033/396	11:29:59	BB1
12F034/396	13:59:59	BB1
12F054/400	17:29:59	BB2
12F078/404	16:05:59	BB2
12F190/440	14:11:35	BB2
12F191/440	14:36:35	BB2
12F227/457	14:08:35	BB2
12G042/475	15:27:27	BB2
12G079/488	10:04:23	BB2
12G100/502	13:07:10	BB2
12G108/506	09:43:48	BB2
12G191/537	08:27:29	BB2
12G204/538	08:17:28	BB1
12G205/538	08:22:28	BB1
12G224/542	09:30:39	BB2
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12H253/550	10:56:58	BB2
12H030/561	17:01:29	BB2
12H078/581	15:44:14	BB2
12H089/586	16:01:49	BB2
12H156/608	17:56:59	BB2
12H179/611	16:54:43	BB2
12H188/612	08:12:32	BB2
12H189/612	16:54:32	BB2
12H191/613	07:43:21	BB2
12H204/618	07:15:00	BB2
12I173/804	09:32:52	BB2

VL-1
CAMERA 2 ELEVATION COVERAGE CHART

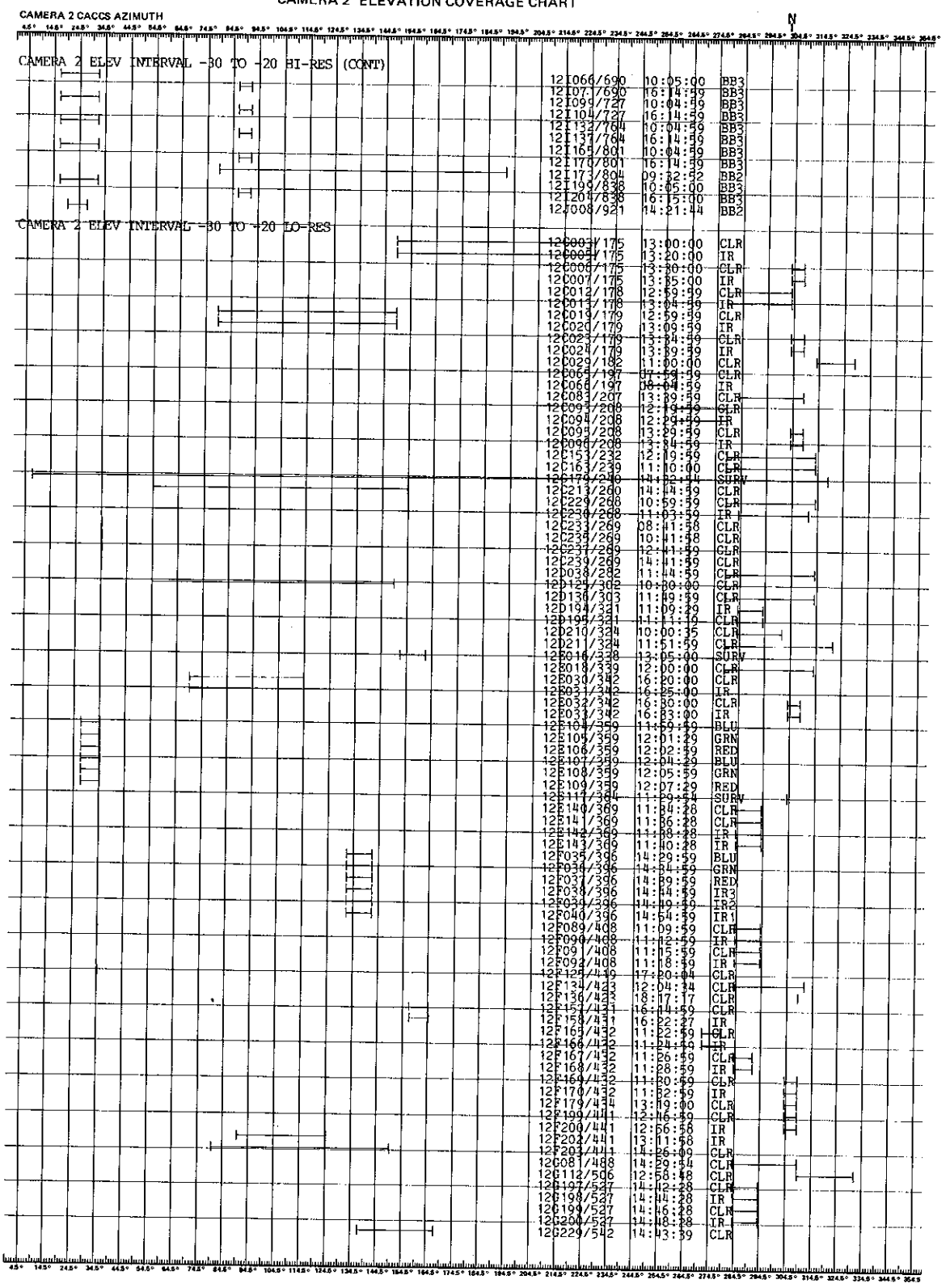


VL-1
CAMERA 2 ELEVATION COVERAGE CHART



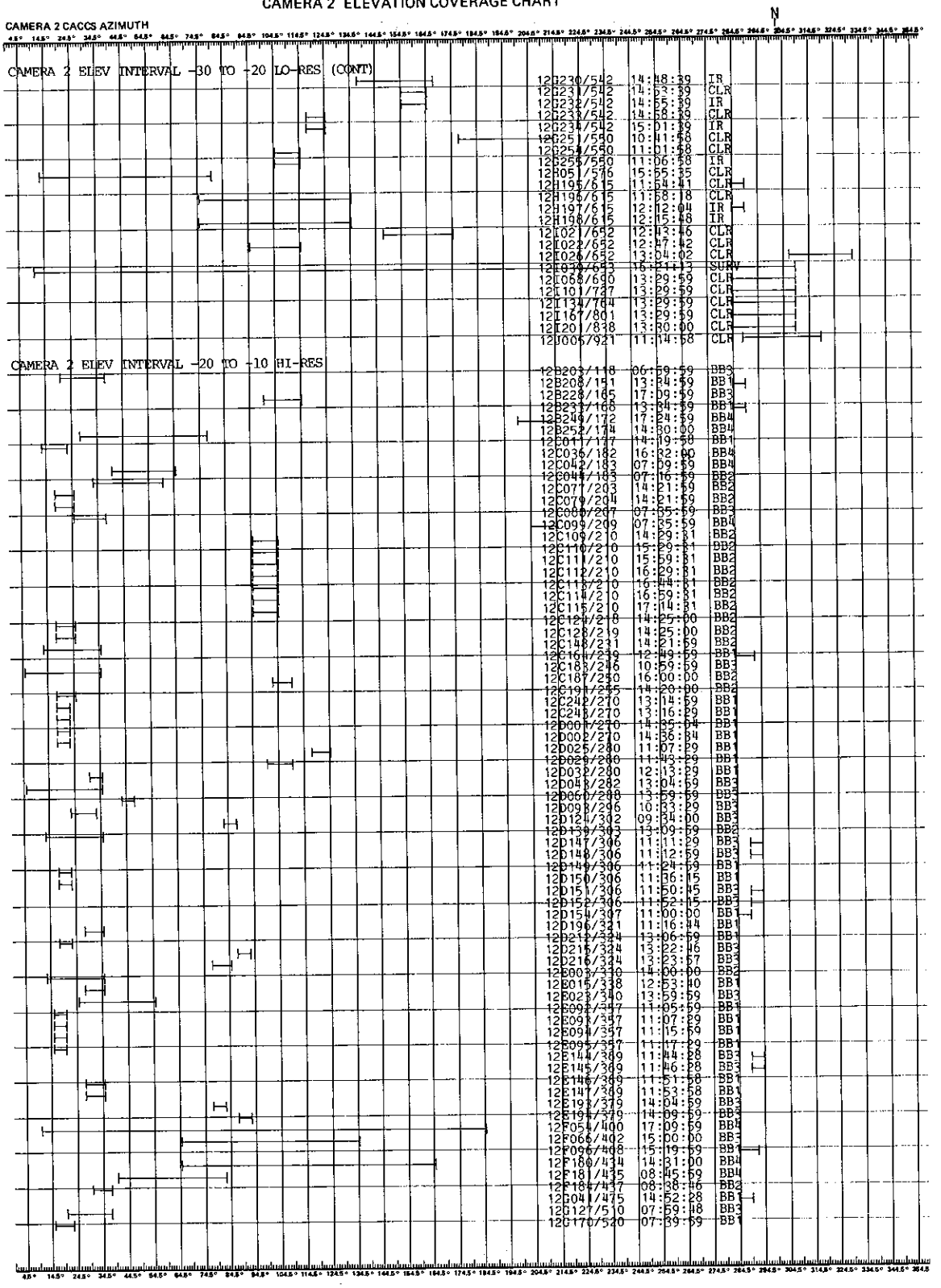
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12B209/151	14:09:59	BB2
12B213/196	06:59:59	BB1
12B233/168	13:34:59	BB1
12B234/168	17:19:59	BB2
12B235/168	17:29:59	BB2
12B251/173	14:29:59	BB2
12C011/197	14:19:58	BB1
12C030/182	13:20:00	BB2
12C043/183	07:13:59	BB2
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12D060/288	13:59:59	BB3
12D091/296	09:10:29	BB2
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12D204/323	10:54:32	BB2
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12E183/376	11:58:59	BB2
12E193/379	14:04:59	BB3
12E194/379	14:09:59	BB3
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12F078/404	16:05:59	BB2
12F096/408	15:19:59	BB1
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12F190/440	14:11:35	BB2
12F191/440	14:36:35	BB2
12F227/447	14:08:35	BB2
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12G079/488	10:04:23	BB2
12G100/502	13:07:10	BB2
12G108/506	09:43:48	BB2
12G170/520	07:39:59	BB1
12G171/520	08:39:59	BB1
12G194/527	08:27:29	BB2
12G196/527	10:09:59	BB3
12G225/532	09:30:29	BB2
12G241/536	16:10:18	BB2
12G253/539	10:56:58	BB2
12H030/581	17:01:29	BB2
12H078/581	15:44:14	BB2
12H089/586	16:01:49	BB2
12H156/608	17:56:59	BB2
12H170/611	16:54:43	BB2
12H186/612	08:12:32	BB2
12H189/612	16:54:32	BB2
12H191/613	07:13:21	BB2
12H204/618	07:15:00	BB2

VL-1
CAMERA 2 ELEVATION COVERAGE CHART



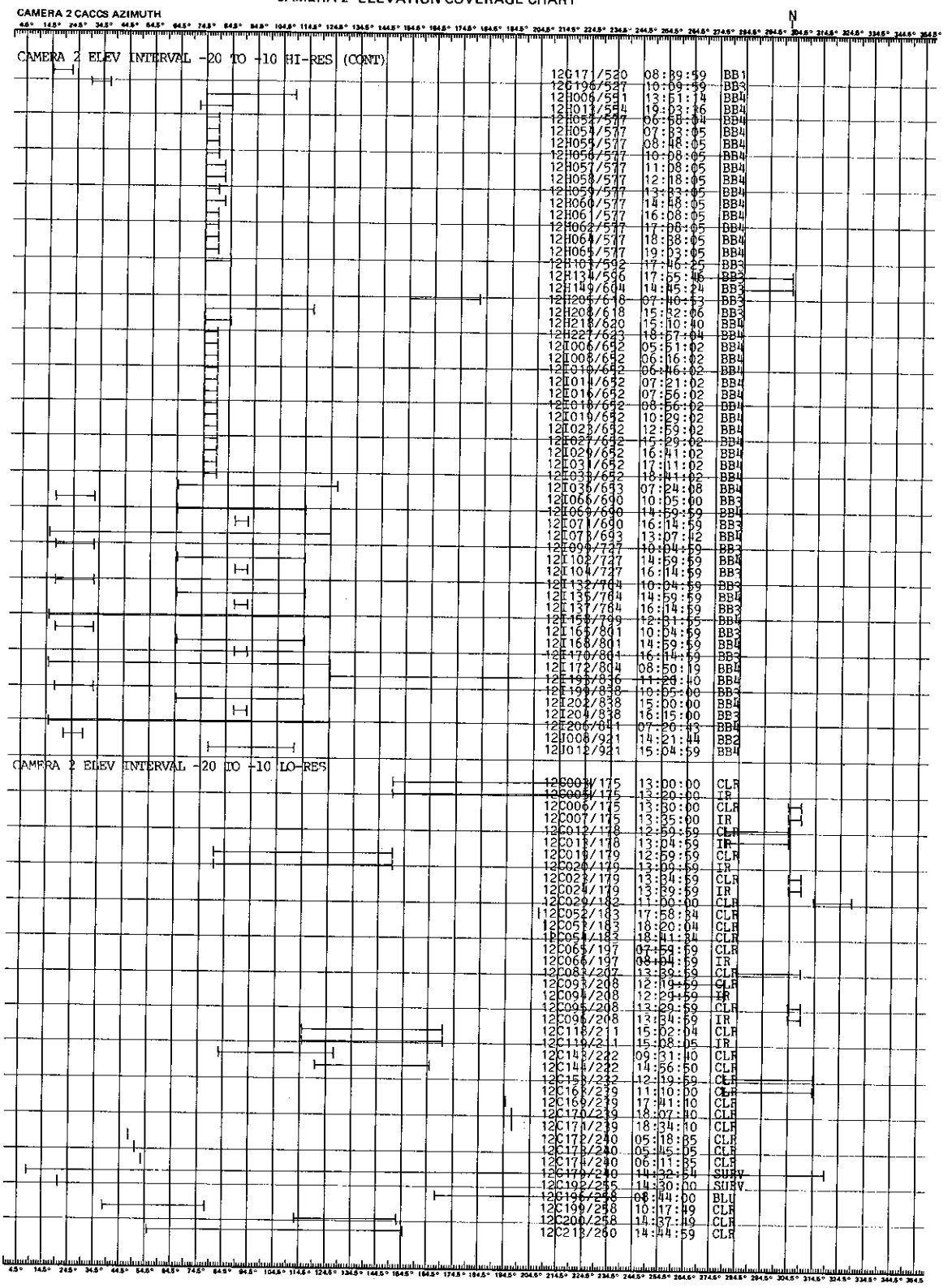
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12I097/769	16:14:59	BB3
12I099/727	10:04:59	BB3
12I104/727	16:14:59	BB3
12I132/764	10:04:59	BB3
12I137/764	16:14:59	BB3
12I165/801	10:04:59	BB3
12I170/801	16:14:59	BB3
12I173/804	09:32:32	BB2
12I198/838	10:05:00	BB3
12I204/838	16:15:00	BB3
12J008/921	14:21:44	BB2
12C003/175	13:00:00	CLR
12C004/175	13:20:00	IR
12C006/175	13:30:00	CLR
12C007/175	13:35:00	IR
12C012/178	12:59:59	CLR
12C013/178	13:04:59	IR
12C019/179	12:59:59	CLR
12C020/179	13:09:59	IR
12C023/179	13:34:59	CLR
12C024/179	13:39:59	IR
12C029/182	11:00:00	CLR
12C065/197	07:59:59	CLR
12C066/197	08:04:59	IR
12C083/207	13:59:59	CLR
12C093/208	12:19:59	CLR
12C094/208	12:29:59	IR
12C095/208	13:29:59	CLR
12C096/208	13:34:59	IR
12C153/232	12:19:59	CLR
12C163/239	11:10:00	CLR
12C179/240	14:02:44	SURV
12C213/260	14:44:59	CLR
12C229/268	10:59:59	CLR
12C230/268	11:03:59	IR
12C233/269	08:41:58	CLR
12C235/269	10:41:58	CLR
12C237/269	12:41:59	CLR
12C239/269	14:41:59	CLR
12D038/282	11:44:59	CLR
12D125/302	10:30:00	CLR
12D136/303	11:49:59	CLR
12D194/321	11:09:29	IR
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12D210/324	10:00:35	CLR
12D211/324	11:51:59	CLR
12E016/338	13:05:00	SURV
12E018/339	12:00:00	CLR
12E030/342	16:20:00	CLR
12E031/342	16:25:00	IR
12E032/342	16:30:00	CLR
12E033/342	16:33:00	IR
12E104/359	11:59:59	BLU
12E105/359	12:01:29	GRN
12E106/359	12:02:59	RED
12E107/359	12:04:29	BLU
12E108/359	12:05:59	GRN
12E109/359	12:07:29	RED
12E117/364	11:29:54	SURV
12E140/369	11:34:28	CLR
12E141/369	11:36:28	CLR
12E142/369	11:38:28	IR
12E143/369	11:40:28	IR
12F035/396	14:29:59	BLU
12F036/396	14:34:59	GRN
12F037/396	14:39:59	RED
12F038/396	14:44:59	IR3
12F039/396	14:49:59	IR2
12F040/396	14:54:59	IR1
12F089/408	11:09:59	CLR
12F090/408	11:12:59	IR
12F091/408	11:15:59	CLR
12F092/408	11:18:59	IR
12F125/419	17:20:04	CLR
12F134/423	12:04:34	CLR
12F136/423	18:17:17	CLR
12F157/431	16:14:59	CLR
12F158/431	16:22:27	IR
12F165/432	11:22:59	CLR
12F166/432	11:24:59	IR
12F167/432	11:26:59	CLR
12F168/432	11:28:59	IR
12F169/432	11:30:59	CLR
12F170/432	11:32:59	IR
12F179/434	13:19:00	CLR
12F199/441	12:46:59	CLR
12F200/441	12:56:58	IR
12F202/441	13:11:58	IR
12F203/441	14:26:09	CLR
12G087/488	14:29:54	CLR
12G112/506	12:58:48	CLR
12G197/527	14:42:28	CLR
12G198/527	14:44:28	IR
12G199/527	14:46:28	CLR
12G200/527	14:48:28	IR
12G229/542	14:43:39	CLR

VL-1
CAMERA 2 ELEVATION COVERAGE CHART

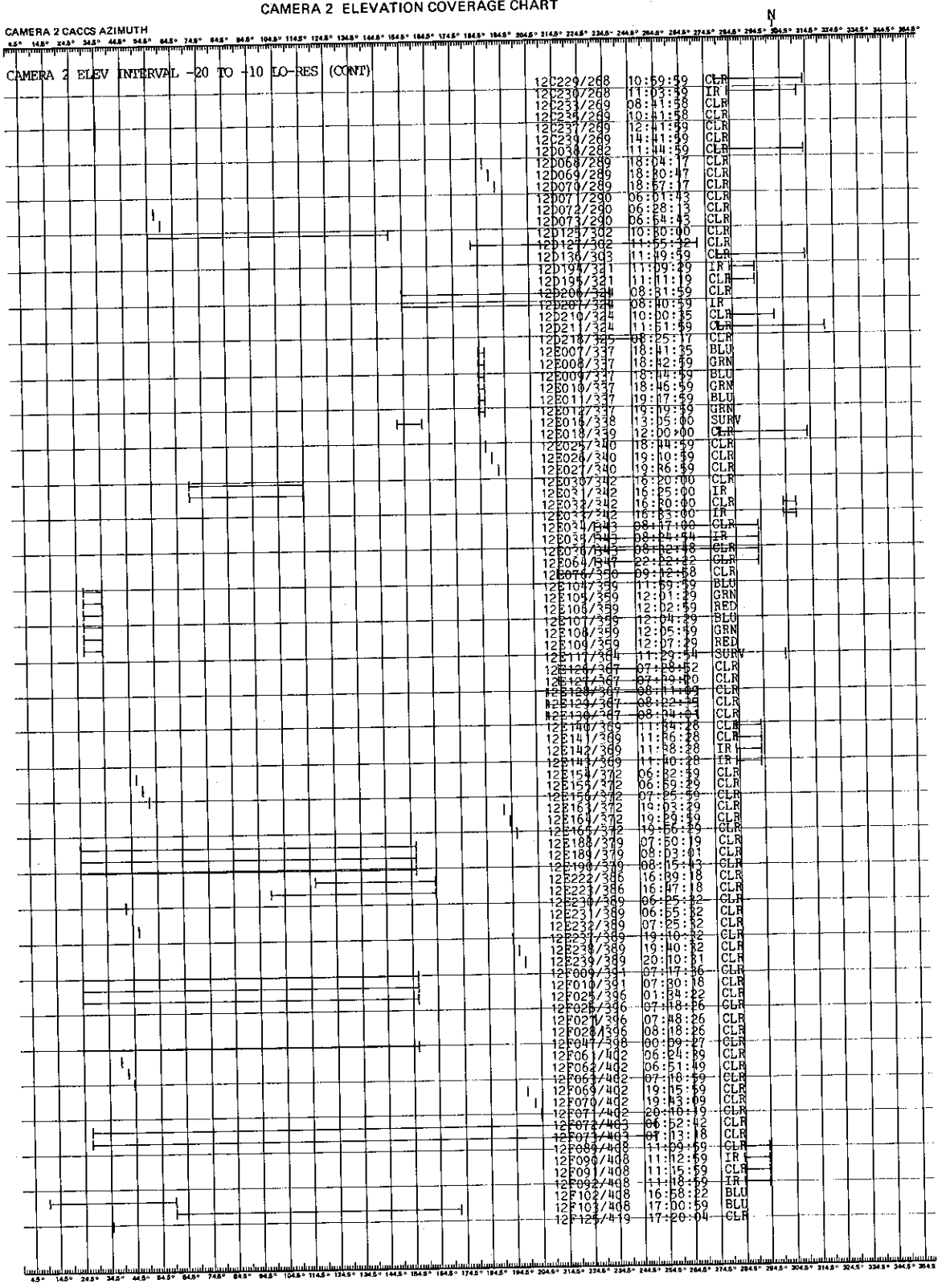


12G230/542	14:48:39	IR
12G231/542	14:53:39	CLR
12G232/542	14:55:39	IR
12G233/542	14:58:39	CLR
12G234/542	15:01:39	IR
12G251/550	10:41:58	CLR
12G254/550	11:01:58	CLR
12G255/550	11:06:58	IR
12H051/575	15:55:35	CLR
12H195/615	11:54:41	CLR
12H196/615	11:58:18	CLR
12H197/615	12:12:04	IR
12H198/615	12:15:48	IR
12I021/652	12:43:46	CLR
12I022/652	12:47:42	CLR
12I026/652	13:04:02	CLR
12I030/643	15:21:13	SUNV
12I058/690	13:29:59	CLR
12I101/737	13:29:59	CLR
12I134/764	13:29:59	CLR
12I167/801	13:29:59	CLR
12I201/838	13:30:00	CLR
12J005/921	11:14:58	CLR
12B203/118	06:59:59	BB3
12B208/151	13:34:59	BB1
12B228/165	17:09:59	BB3
12B231/168	13:34:59	BB1
12B249/172	17:24:59	BB4
12B252/174	14:30:00	BB4
12C011/177	14:19:58	BB1
12C036/182	16:32:00	BB4
12C042/183	07:09:59	BB4
12C044/185	07:16:59	BB2
12C077/203	14:21:59	BB2
12C079/204	14:21:59	BB2
12C088/207	07:35:59	BB3
12C099/209	07:35:59	BB4
12C109/210	14:29:31	BB2
12C110/210	15:29:31	BB2
12C111/210	15:59:31	BB2
12C112/210	16:29:31	BB2
12C113/210	16:44:31	BB2
12C114/210	16:59:31	BB2
12C115/210	17:14:31	BB2
12C124/218	14:25:00	BB2
12C128/219	14:25:00	BB2
12C148/231	14:21:59	BB2
12C161/239	12:49:59	BB1
12C183/246	10:59:59	BB3
12C187/250	16:00:00	BB2
12C191/255	14:20:00	BB2
12C242/270	13:14:59	BB1
12C245/270	13:16:29	BB1
12D001/270	14:35:04	BB1
12D002/270	14:36:34	BB1
12D025/280	11:07:29	BB1
12D026/280	11:43:29	BB1
12D032/280	12:13:29	BB1
12D048/282	13:04:59	BB3
12D060/290	13:59:59	BB3
12D098/296	10:33:59	BB3
12D124/302	09:34:00	BB3
12D139/303	13:09:59	BB2
12D147/306	11:11:29	BB3
12D148/306	11:12:59	BB3
12D149/306	11:24:59	BB1
12D150/306	11:36:15	BB1
12D151/306	11:50:45	BB3
12D152/306	11:52:15	BB3
12D154/307	11:00:00	BB1
12D196/321	11:16:44	BB1
12D212/324	13:06:59	BB1
12D215/324	13:22:46	BB3
12D216/324	13:23:57	BB3
12E003/330	14:00:00	BB2
12E015/338	12:53:40	BB1
12E023/340	13:59:59	BB3
12E092/357	11:05:59	BB1
12E093/357	11:07:29	BB1
12E094/357	11:15:59	BB1
12E095/357	11:17:29	BB1
12E144/369	11:44:28	BB3
12E145/369	11:46:28	BB3
12E146/369	11:51:58	BB1
12E147/369	11:53:58	BB1
12E193/379	14:04:59	BB3
12E194/379	14:09:59	BB3
12F054/400	17:09:59	BB4
12F066/402	15:00:00	BB3
12F096/408	15:19:59	BB1
12F180/434	14:31:00	BB4
12F181/435	08:45:59	BB4
12F184/437	08:38:46	BB2
12G041/475	14:52:28	BB1
12G127/510	07:59:48	BB3
12G170/520	07:39:59	BB1

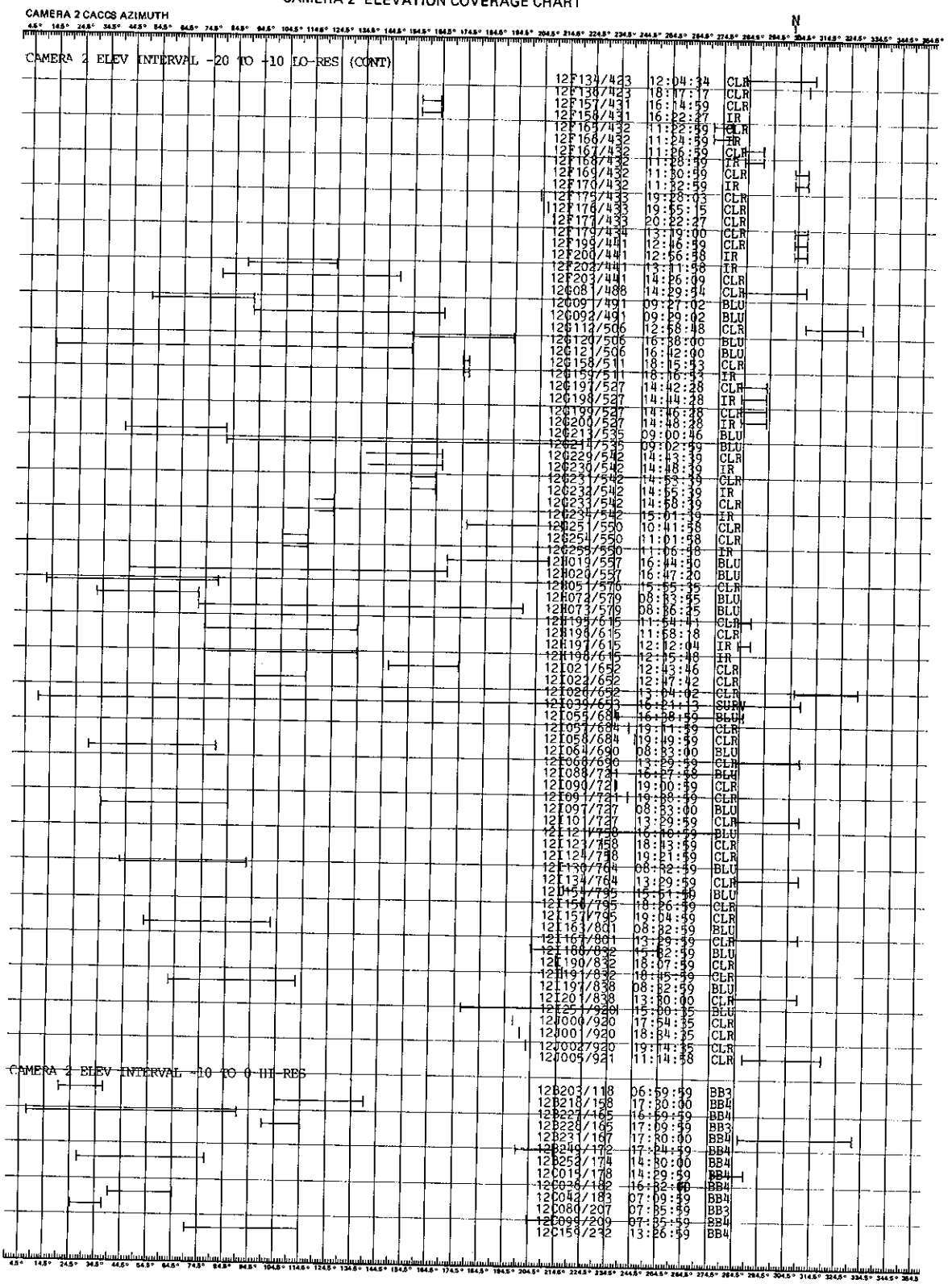
VL-1
CAMERA 2 ELEVATION COVERAGE CHART



VL-1
CAMERA 2 ELEVATION COVERAGE CHART

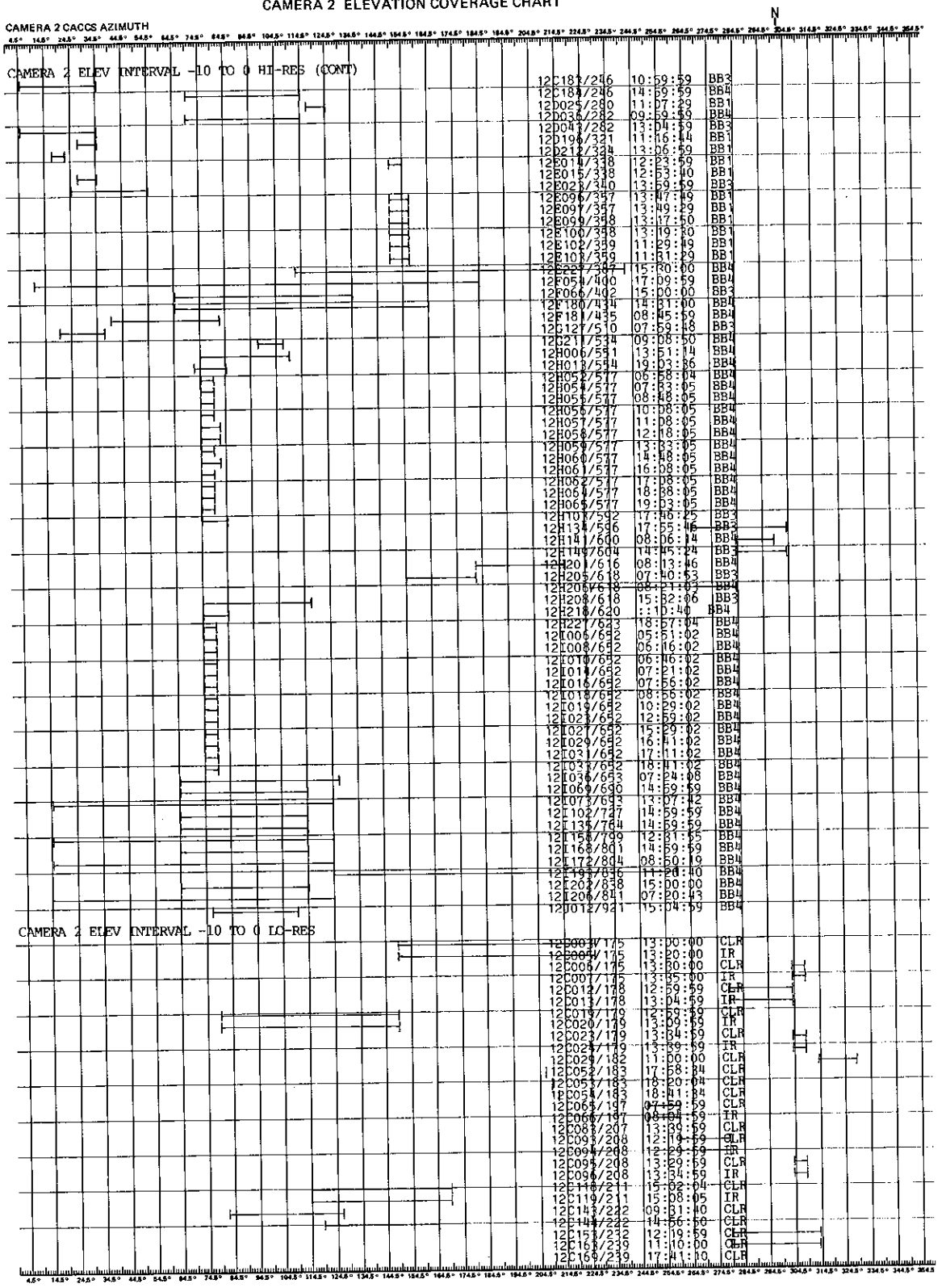


VL-1
CAMERA 2 ELEVATION COVERAGE CHART



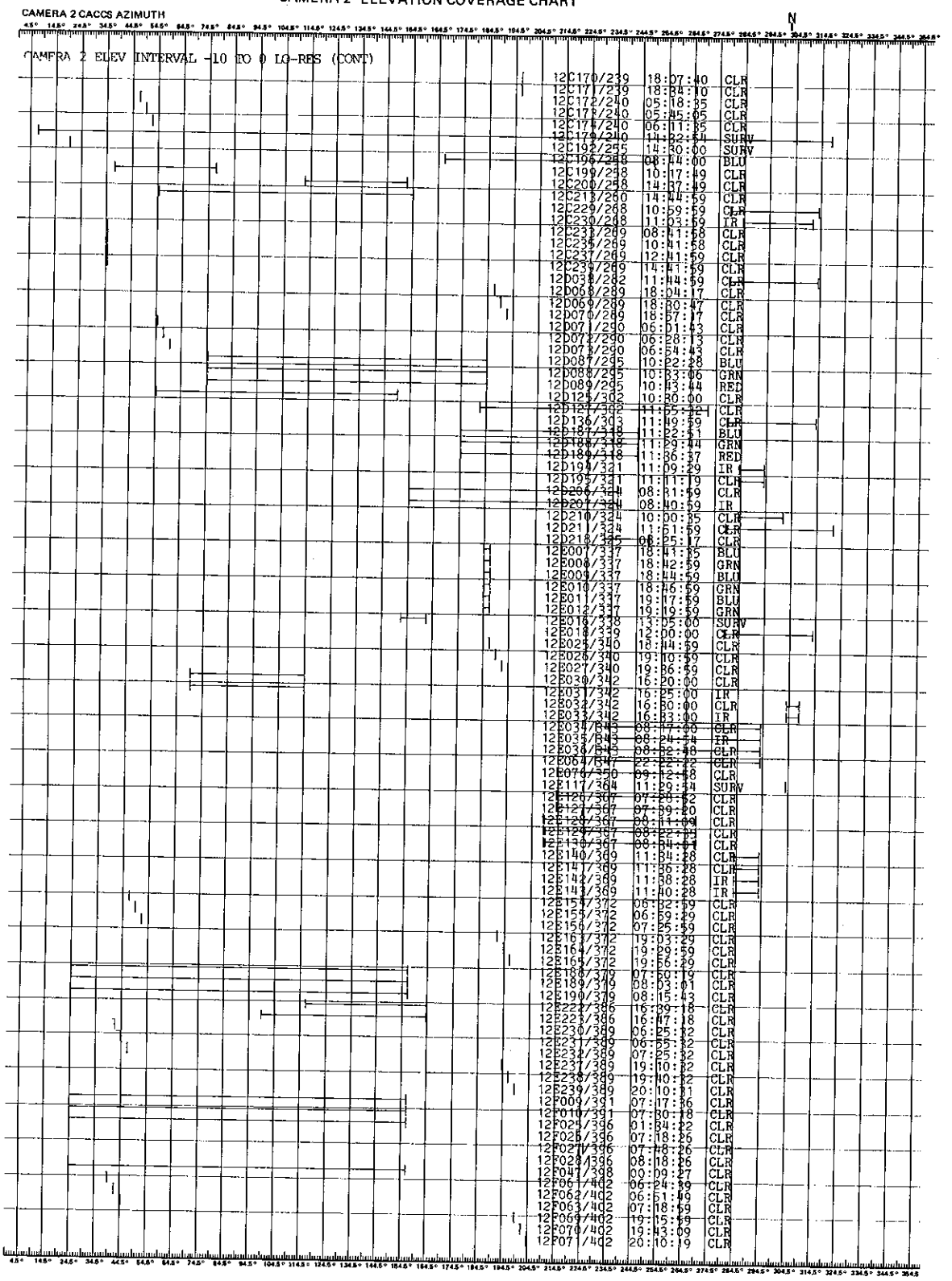
VI-1

CAMERA 2 ELEVATION COVERAGE CHART

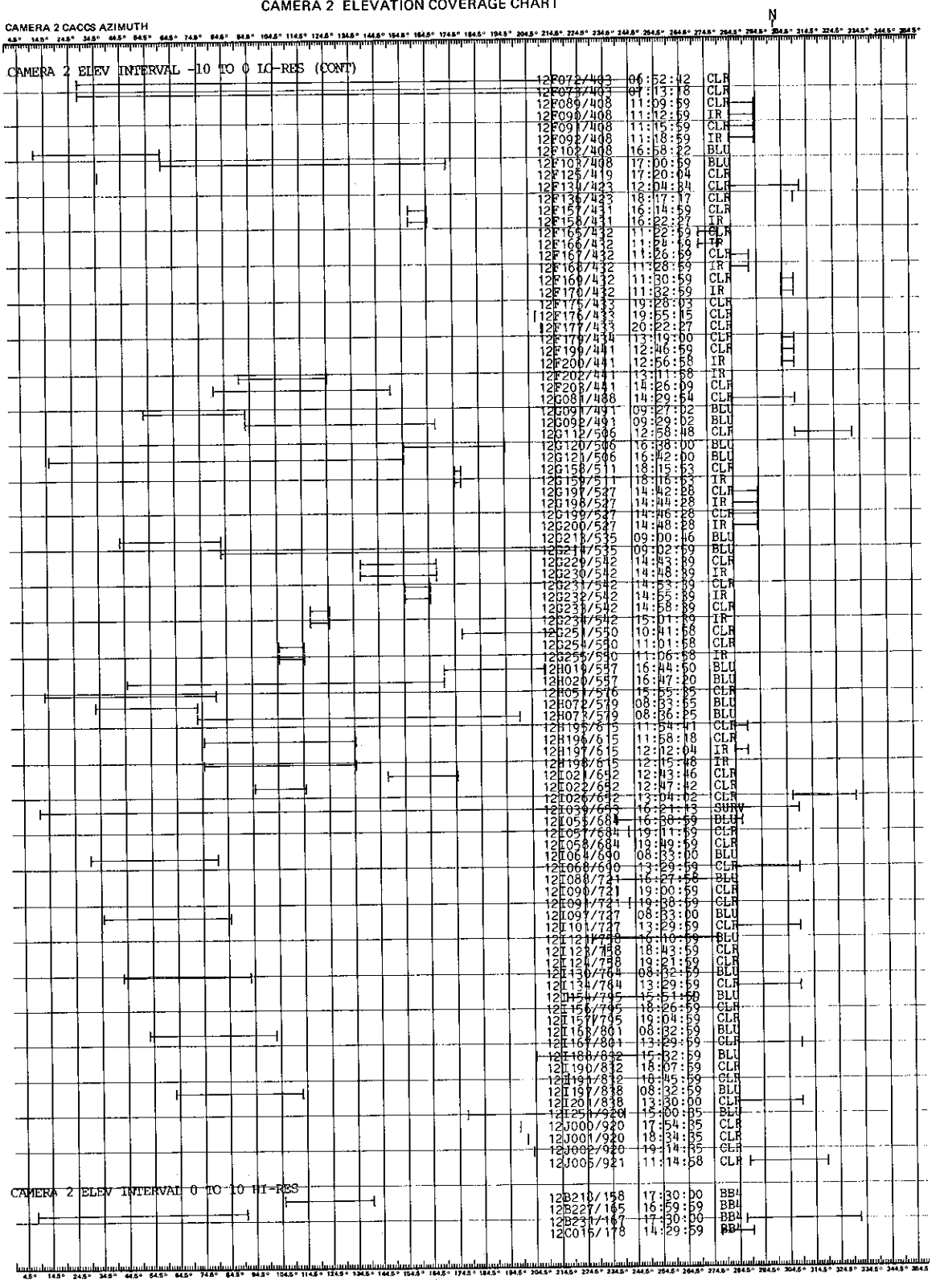


12C183/246	10:59:59	BB3
12C184/246	14:59:59	BB4
12D025/280	11:07:29	BB1
12D036/282	09:59:59	BB4
12D043/282	13:04:59	BB3
12D196/321	11:16:44	BB1
12D212/324	13:06:59	BB1
12E014/338	12:23:59	BB1
12E015/338	12:53:40	BB1
12E023/340	13:59:59	BB3
12E096/357	13:47:49	BB1
12E097/357	13:49:29	BB1
12E099/358	13:17:50	BB1
12E100/358	13:19:30	BB1
12E102/359	11:29:49	BB1
12E103/359	11:51:29	BB1
12E227/387	15:30:00	BB4
12F054/400	17:09:59	BB4
12F066/402	15:00:00	BB3
12F180/434	14:31:00	BB4
12F181/435	08:45:59	BB4
12G127/510	07:59:48	BB3
12G217/534	09:08:50	BB1
12H006/551	13:51:14	BB4
12H013/554	19:03:36	BB4
12H052/577	06:58:04	BB4
12H054/577	07:33:05	BB4
12H055/577	08:48:05	BB4
12H056/577	10:08:05	BB4
12H057/577	11:08:05	BB4
12H058/577	12:18:05	BB4
12H059/577	13:33:05	BB4
12H060/577	14:48:05	BB4
12H061/577	16:08:05	BB4
12H062/577	17:08:05	BB4
12H064/577	18:38:05	BB4
12H065/577	19:03:05	BB4
12H107/592	17:46:25	BB3
12H134/596	17:55:46	BB3
12H141/600	08:06:14	BB4
12H149/604	14:45:24	BB3
12H201/616	08:13:46	BB4
12H205/618	07:40:53	BB3
12H206/618	08:21:02	BB4
12H208/618	15:32:06	BB3
12H218/620	11:10:40	BB4
12H227/623	18:57:04	BB4
12I006/652	05:51:02	BB4
12I008/652	06:16:02	BB4
12I010/652	06:46:02	BB4
12I014/652	07:21:02	BB4
12I016/652	07:56:02	BB4
12I018/652	08:56:02	BB4
12I019/652	10:29:02	BB4
12I023/652	12:59:02	BB4
12I027/652	15:29:02	BB4
12I029/652	16:41:02	BB4
12I031/652	17:11:02	BB4
12I033/652	18:41:02	BB4
12I036/653	07:24:08	BB4
12I069/690	14:59:59	BB4
12I073/693	13:07:42	BB4
12I102/727	14:59:59	BB4
12I135/764	14:59:59	BB4
12I158/799	12:31:55	BB4
12I168/801	14:59:59	BB4
12I172/804	08:50:19	BB4
12I191/836	11:20:40	BB4
12I202/838	15:00:00	BB4
12I206/841	07:20:43	BB4
12J012/921	15:04:59	BB4
12C001/175	13:00:00	CLR
12C001/175	13:20:00	IR
12C005/175	13:30:00	CLR
12C007/175	13:35:00	IR
12C012/178	12:59:59	CLR
12C013/178	13:04:59	IR
12C019/179	12:59:59	CLR
12C020/179	13:09:59	IR
12C023/179	13:34:59	CLR
12C025/179	13:59:59	IR
12C029/182	11:00:00	CLR
12C052/183	17:58:34	CLR
12C053/183	18:20:04	CLR
12C054/183	18:41:34	CLR
12C065/197	07:59:59	CLR
12C066/197	08:04:59	IR
12C087/207	13:39:59	CLR
12C093/208	12:19:59	CLR
12C094/208	12:29:59	IR
12C095/208	13:29:59	CLR
12C096/208	13:34:59	IR
12C118/211	15:02:04	CLR
12C119/211	15:08:05	IR
12C143/222	09:31:40	CLR
12C144/222	14:56:50	CLR
12C151/232	12:19:59	CLR
12C163/239	11:10:00	CLR
12C164/239	17:41:10	CLR

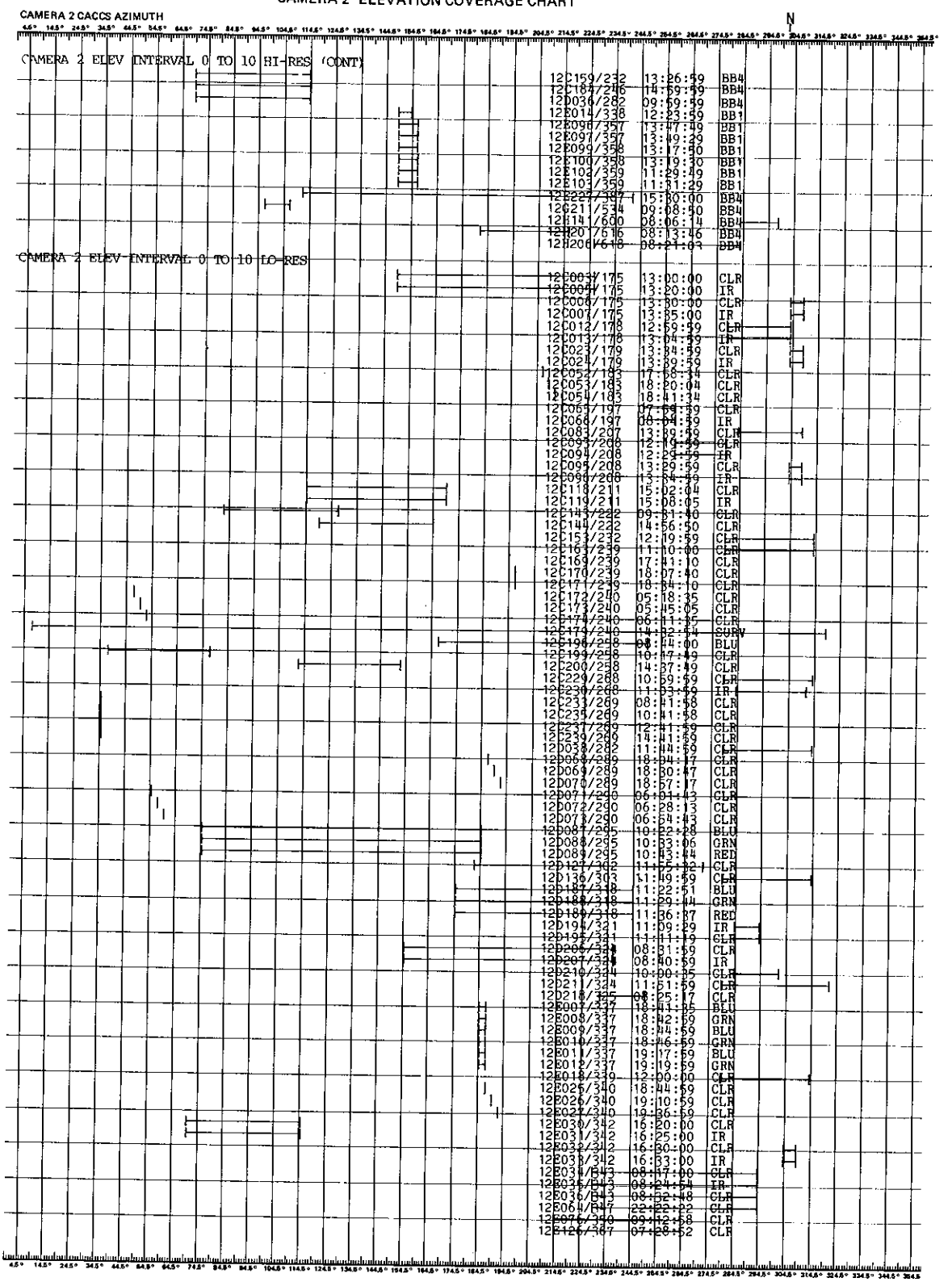
VL-1
CAMERA 2 ELEVATION COVERAGE CHART



VL-1
CAMERA 2 ELEVATION COVERAGE CHART

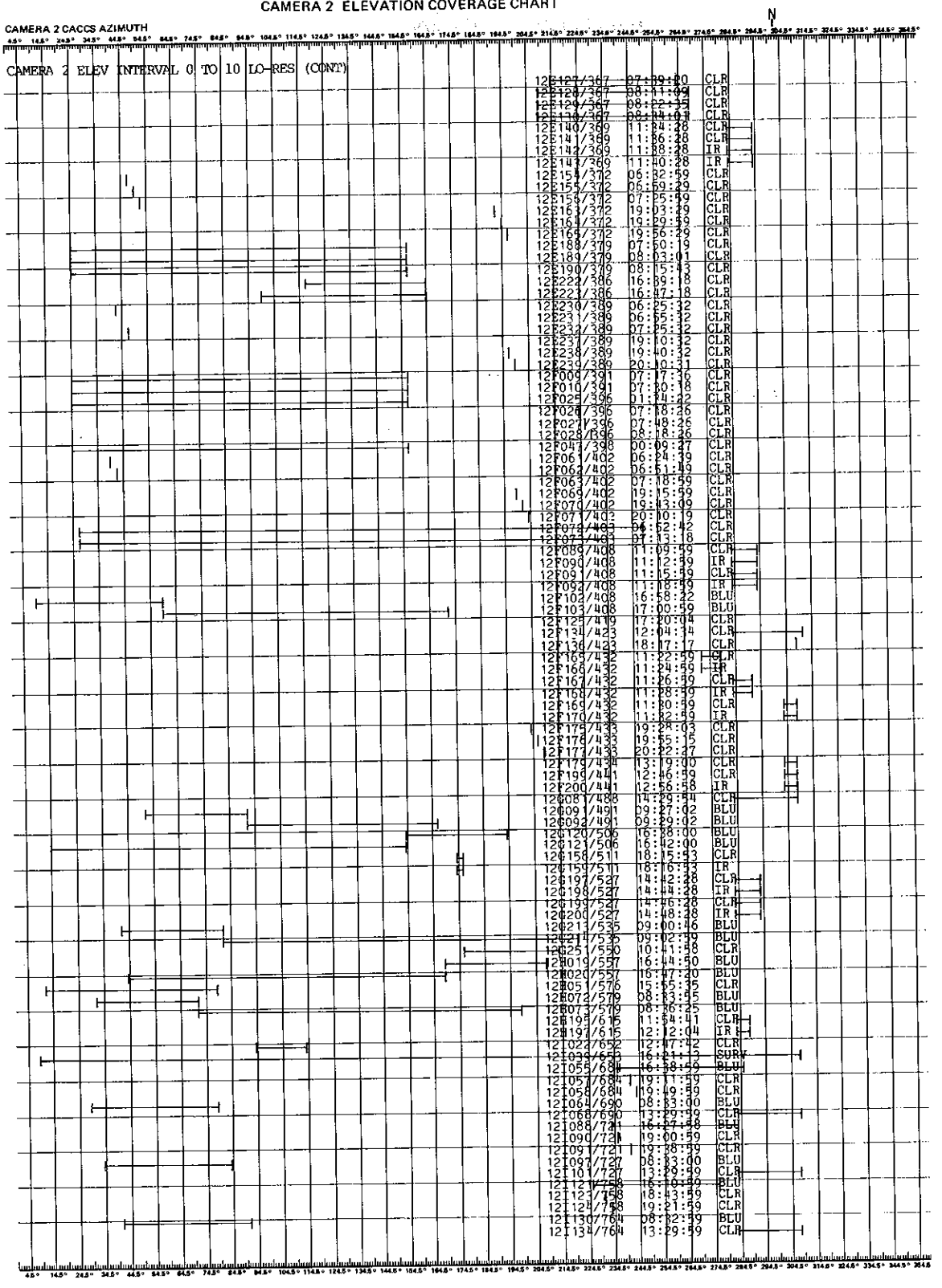


VL-1
CAMERA 2 ELEVATION COVERAGE CHART



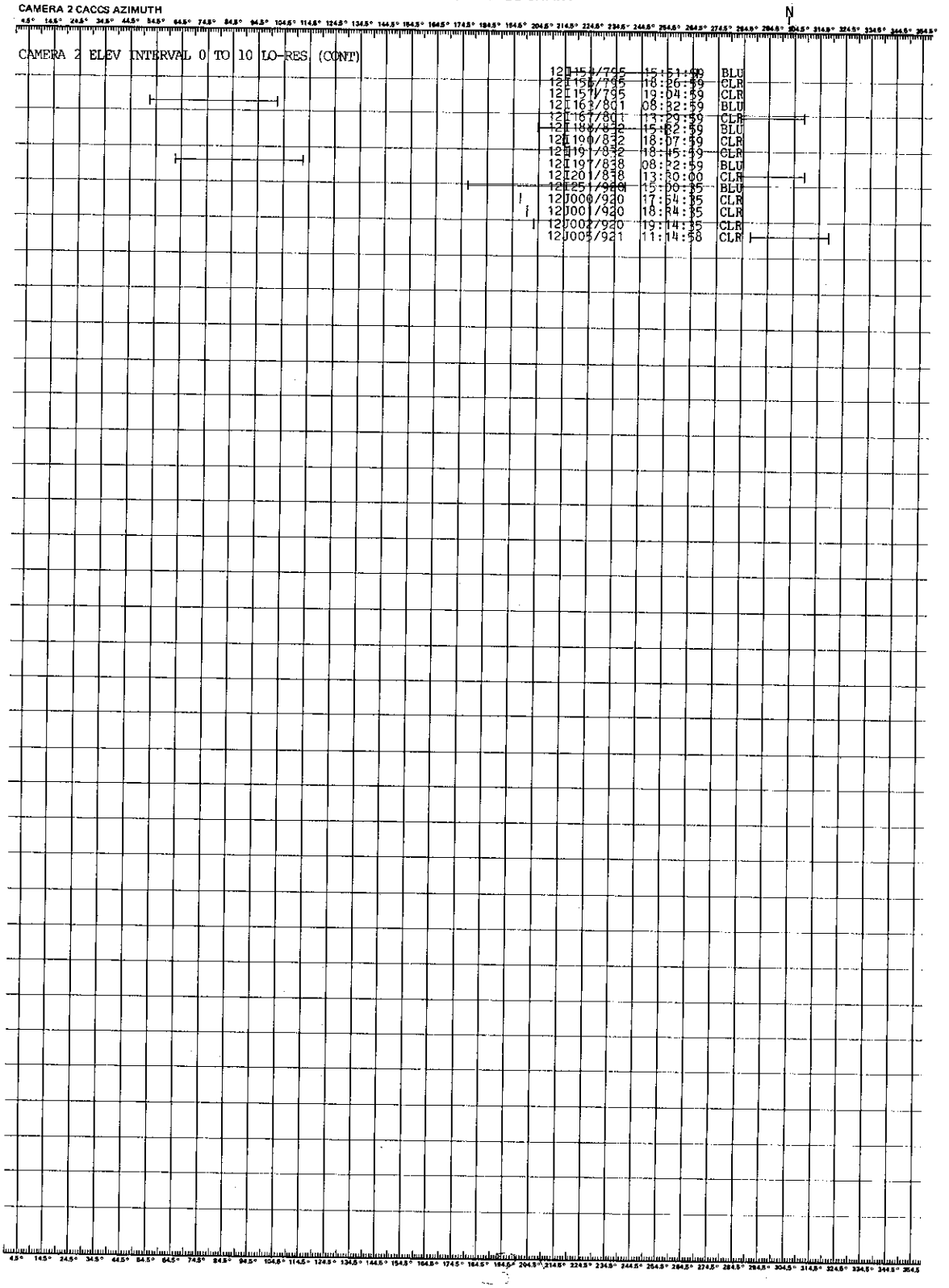
VL-1

CAMERA 2 ELEVATION COVERAGE CHART



VL-1

CAMERA 2 ELEVATION COVERAGE CHART



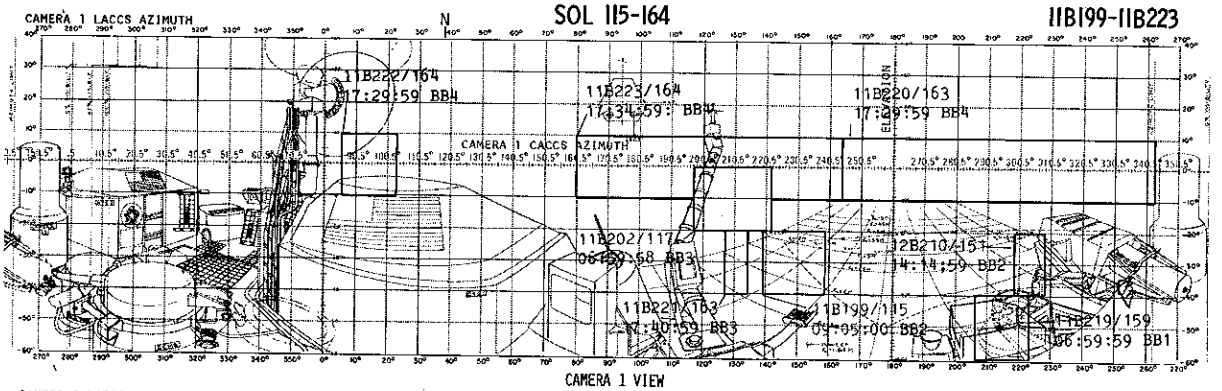
SKYLINE DRAWINGS

VL-1 SKYLINE DRAWINGS

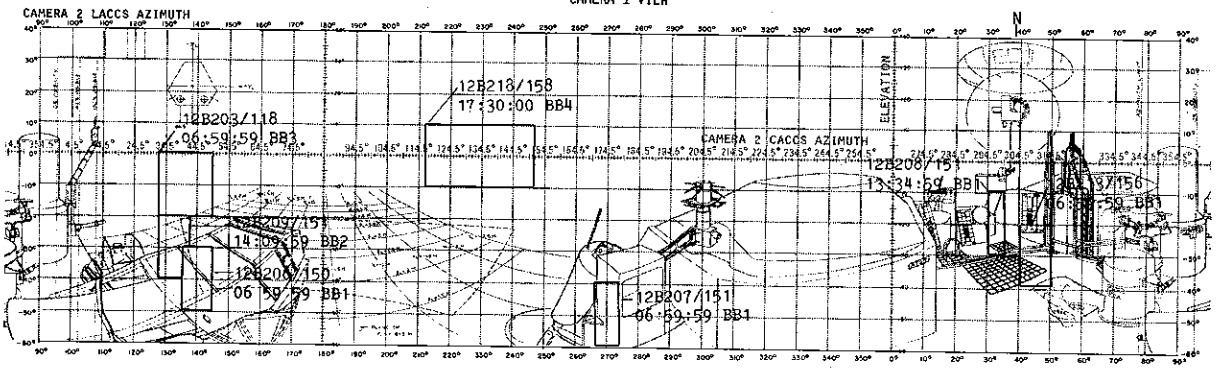
This section contains the skyline drawings for VL-1. The format for these drawings has been described in the section "Skyline Drawings."

SOL 115-164

11B199-11B223



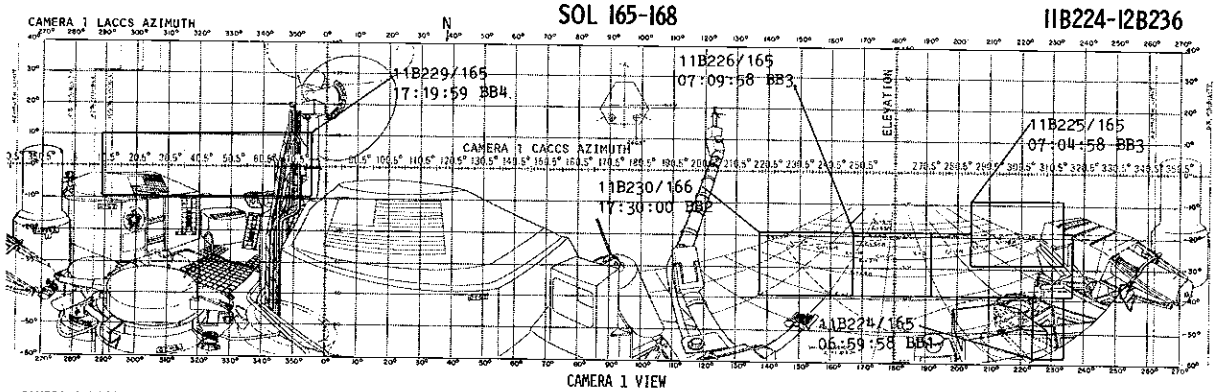
CAMERA 1 VIEW



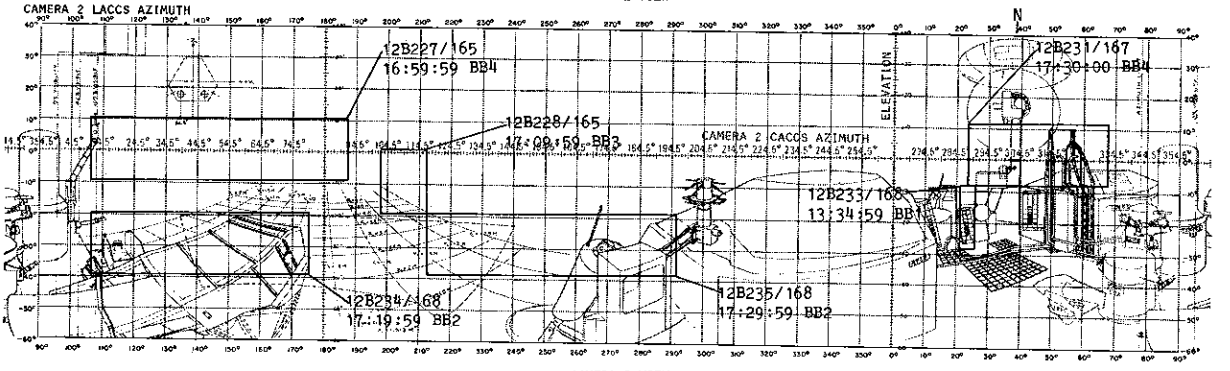
CAMERA 2 VIEW

SOL 165-168

11B224-12B236



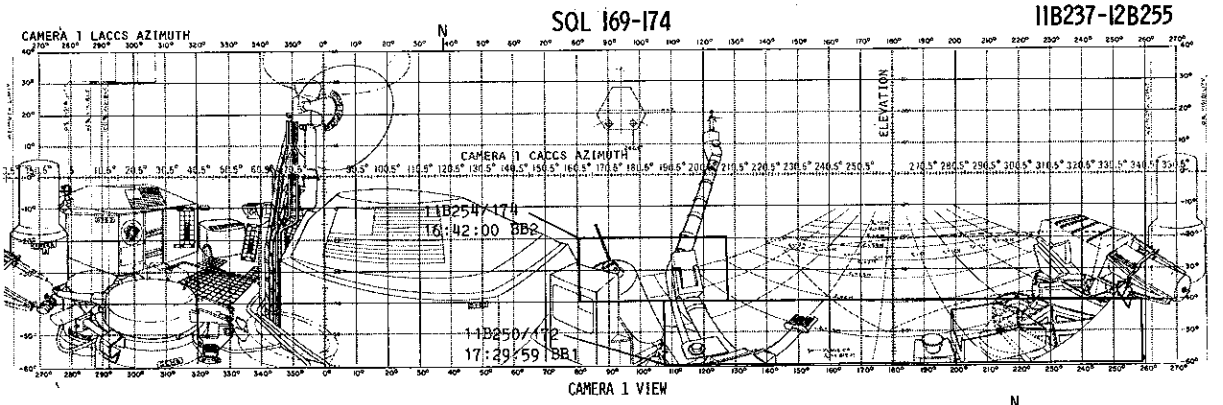
CAMERA 1 VIEW



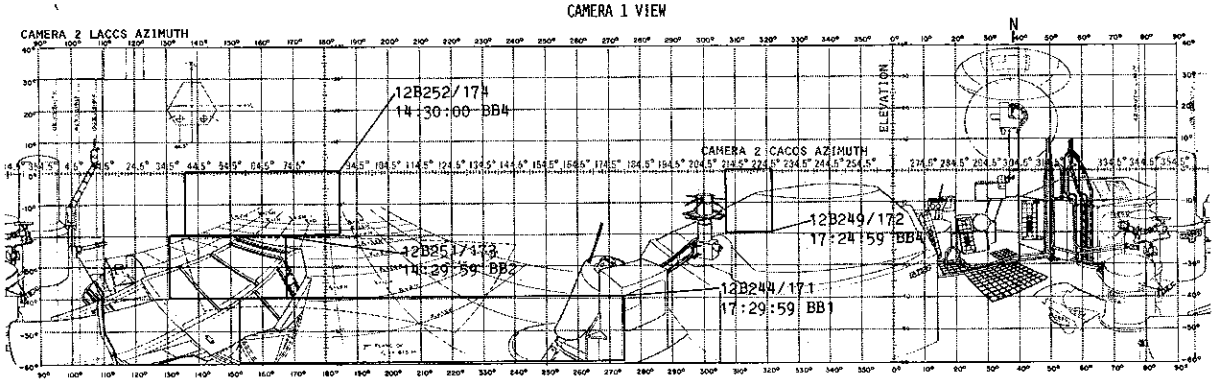
CAMERA 2 VIEW

SOL 169-174

11B237-12B255



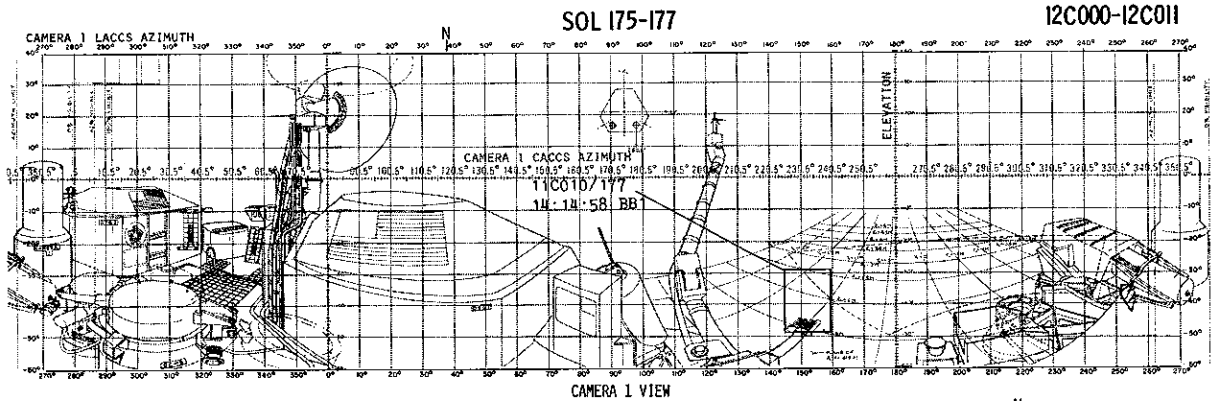
CAMERA 1 VIEW



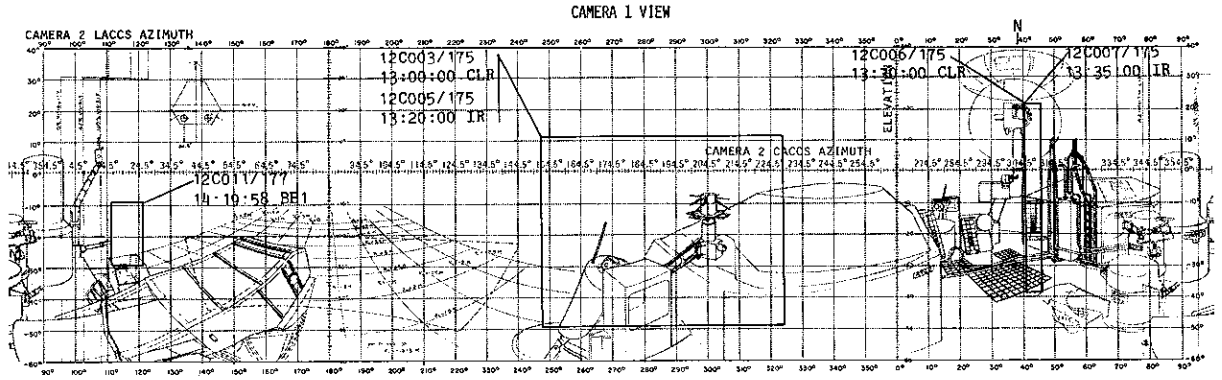
CAMERA 2 VIEW

SOL 175-177

12C000-12C011



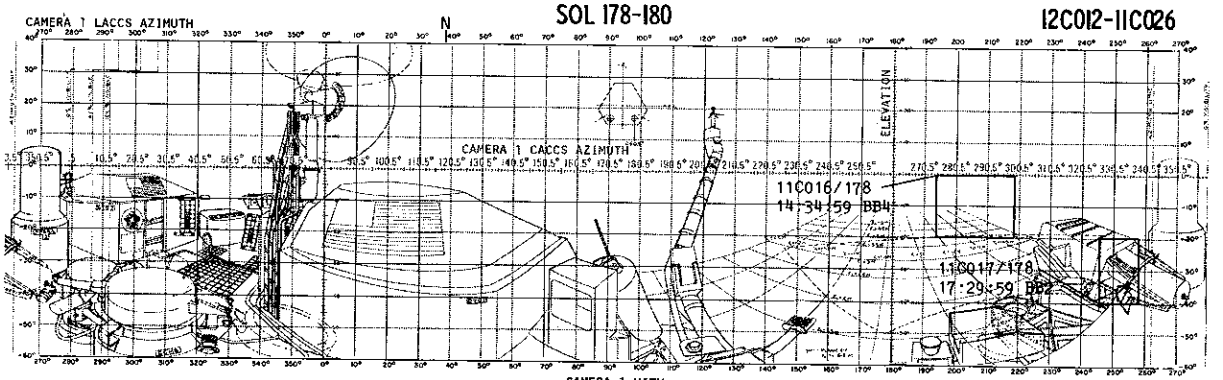
CAMERA 1 VIEW



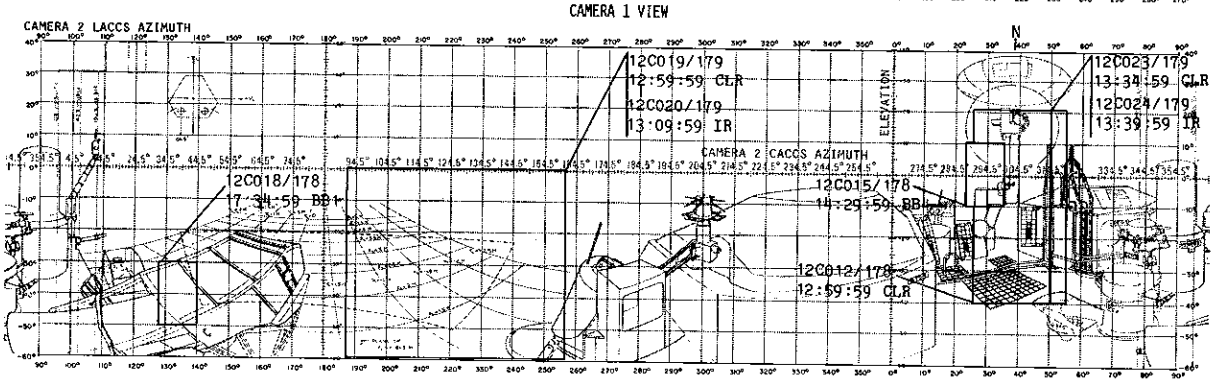
CAMERA 2 VIEW

SOL 178-180

12C012-11C026



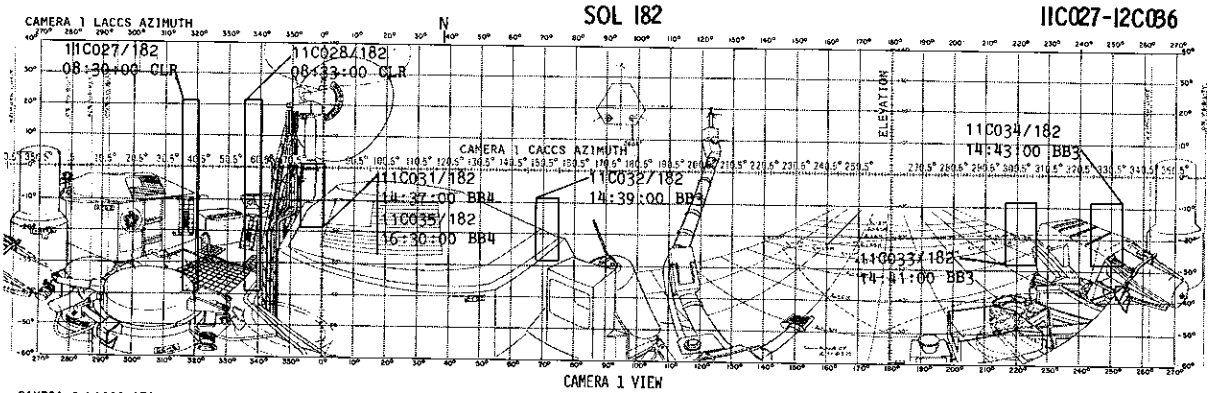
CAMERA 1 VIEW



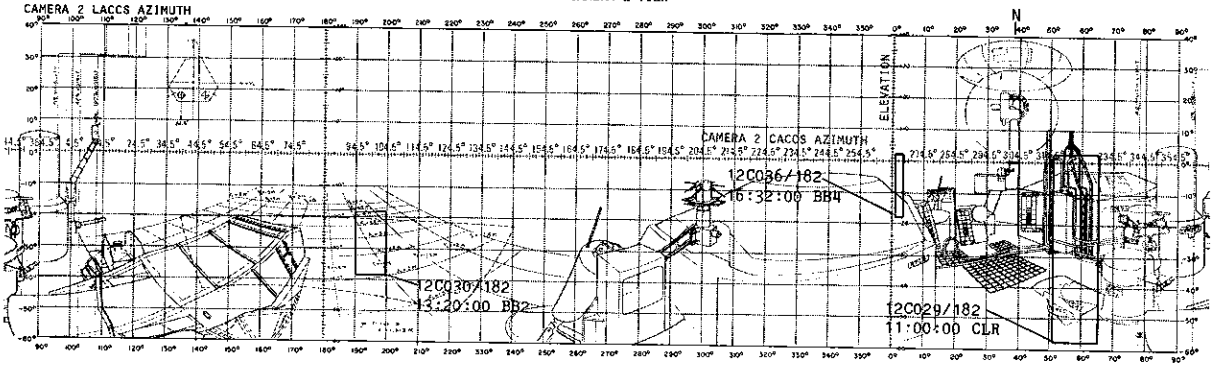
CAMERA 2 VIEW

SOL 182

11C027-12C036



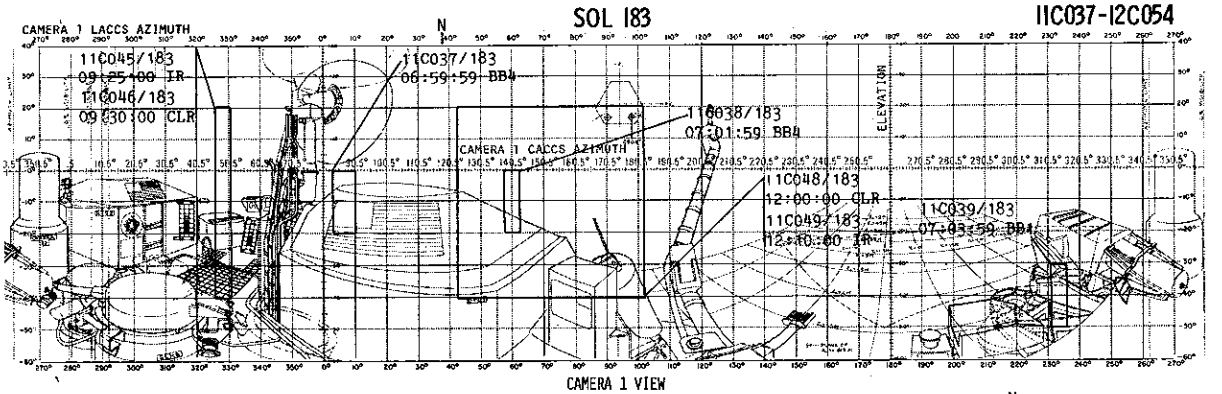
CAMERA 1 VIEW



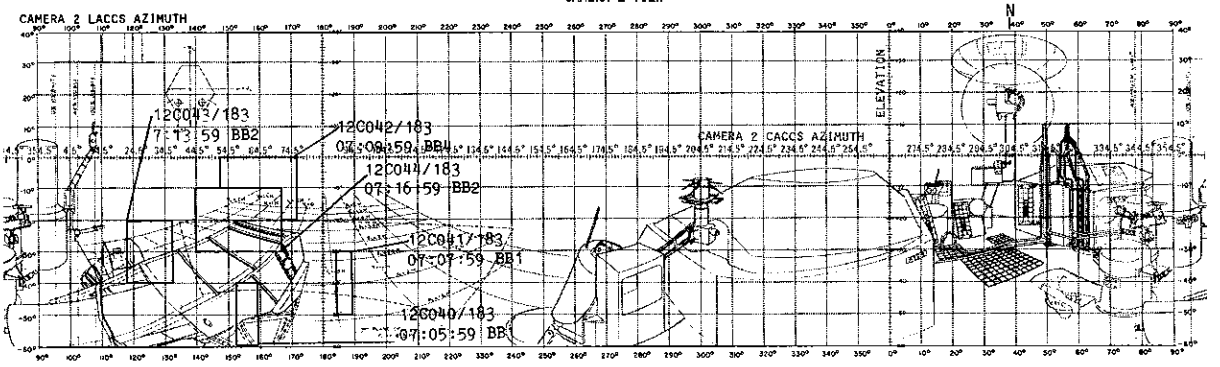
CAMERA 2 VIEW

SOL 183

11C037-12C054



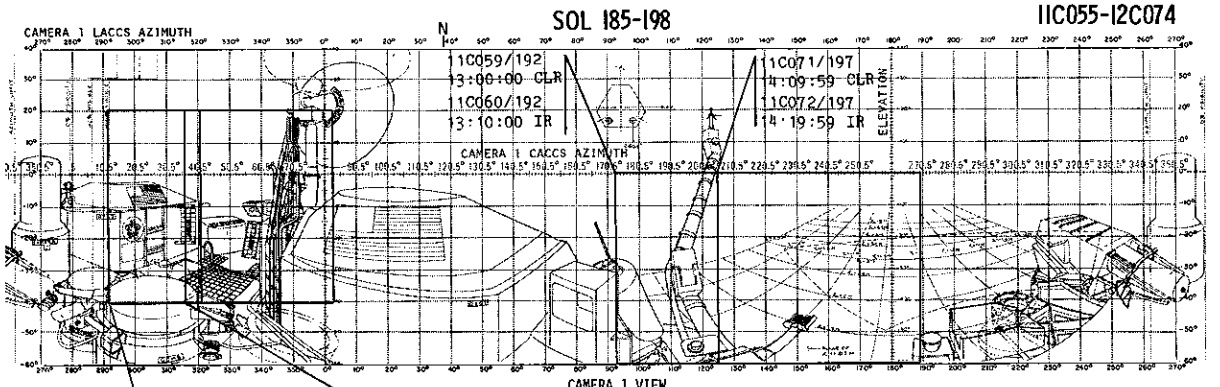
CAMERA 1 VIEW



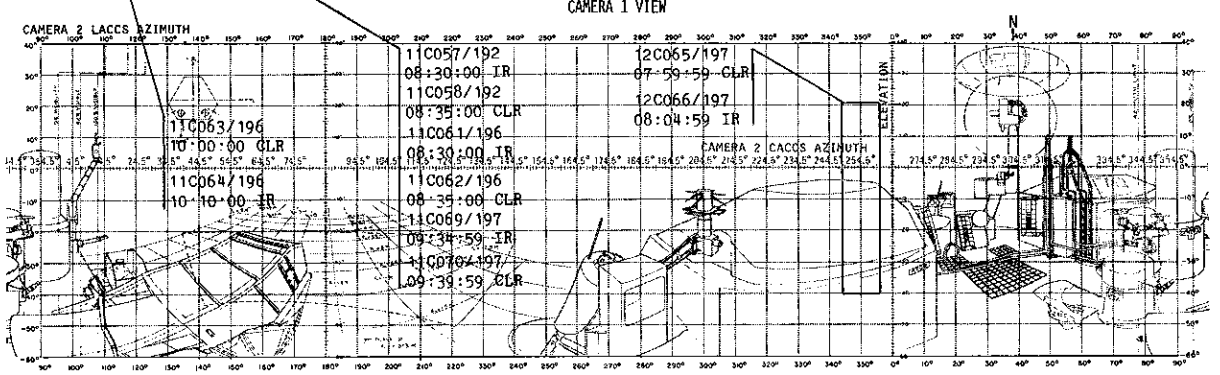
CAMERA 2 VIEW

SOL 185-198

11C055-12C074



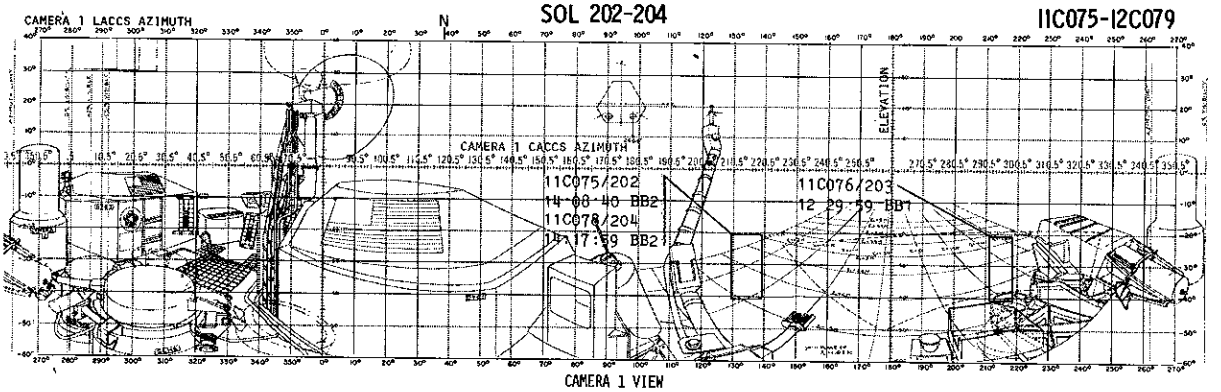
CAMERA 1 VIEW



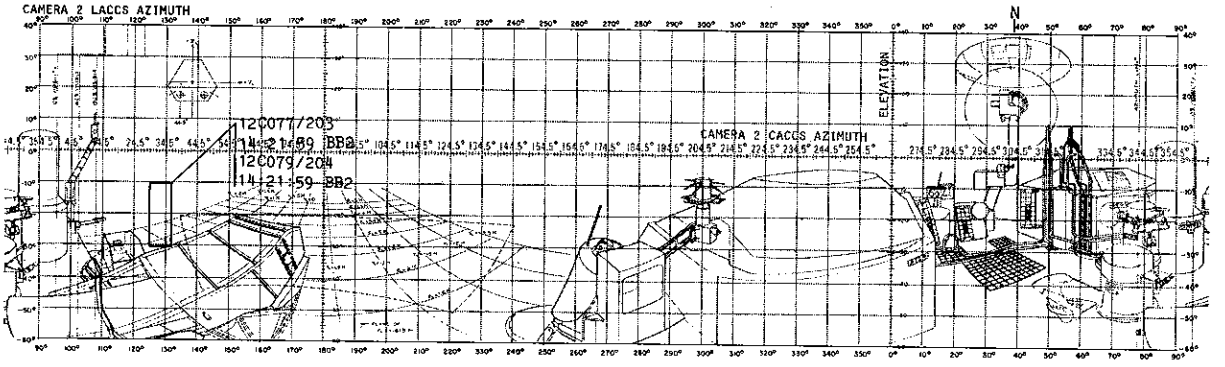
CAMERA 2 VIEW

SOL 202-204

11C075-12C079



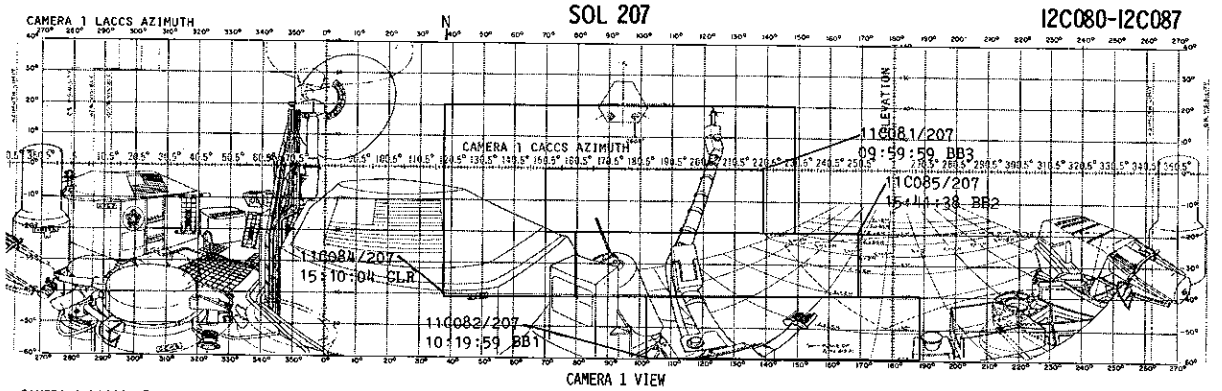
CAMERA 1 VIEW



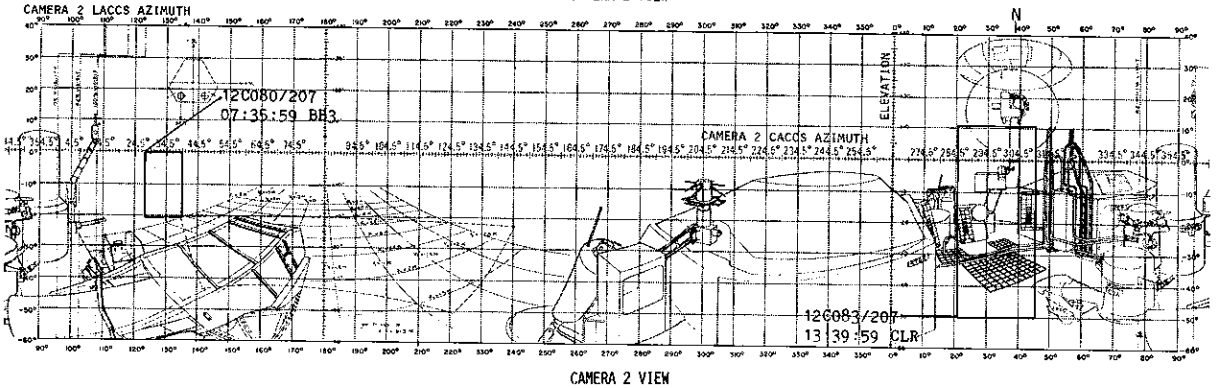
CAMERA 2 VIEW

SOL 207

12C080-12C087



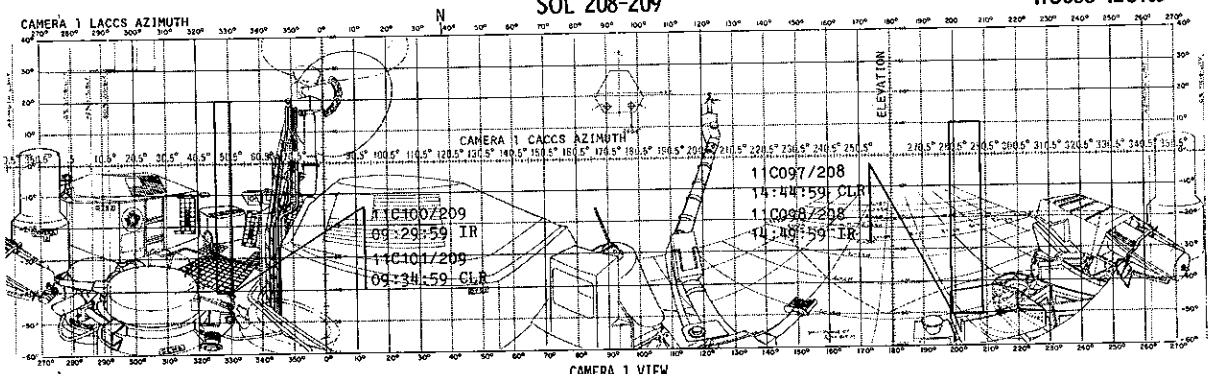
CAMERA 1 VIEW



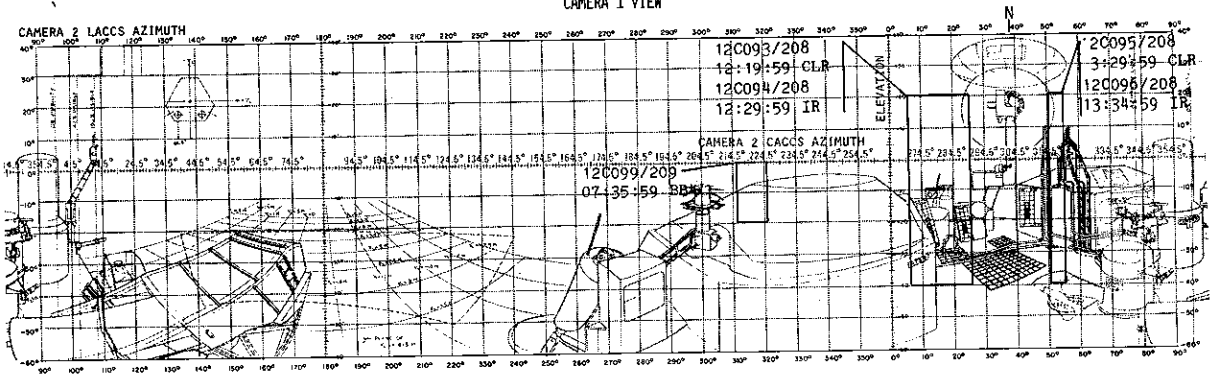
CAMERA 2 VIEW

SOL 208-209

11C088-12C103



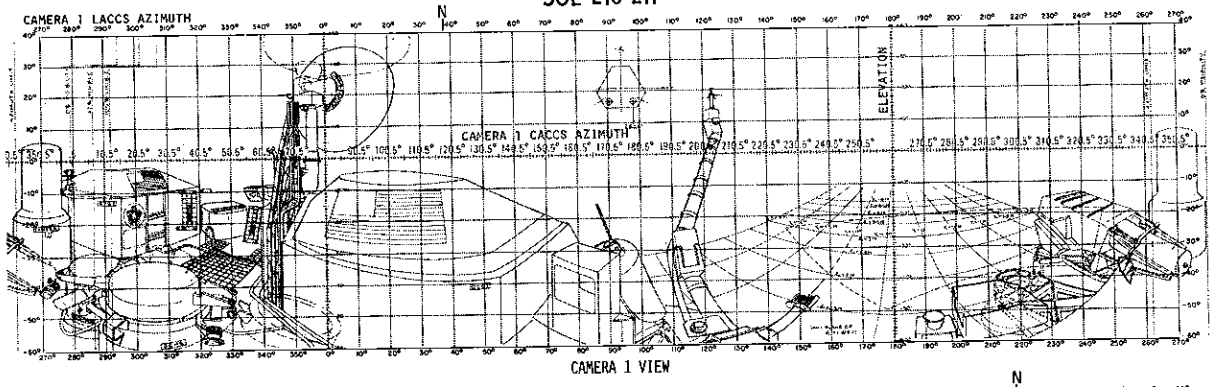
CAMERA 1 VIEW



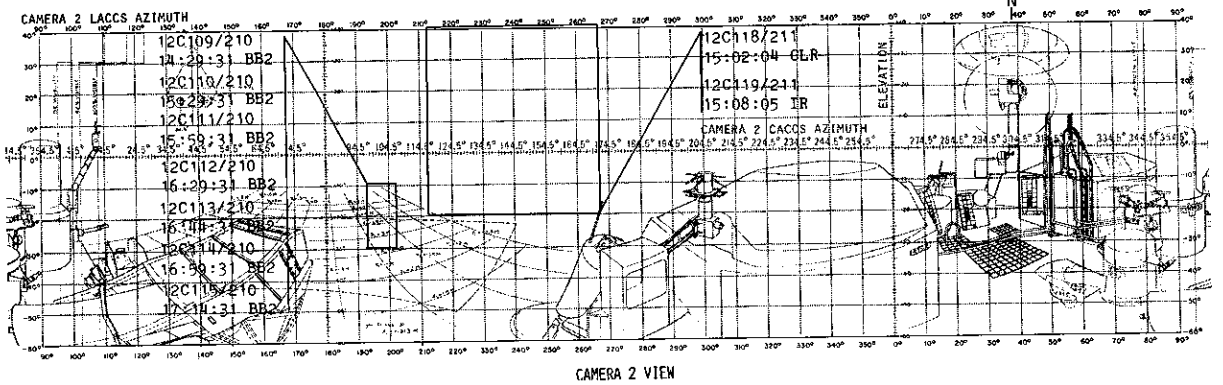
CAMERA 2 VIEW

SOL 210-211

11C104-12C122



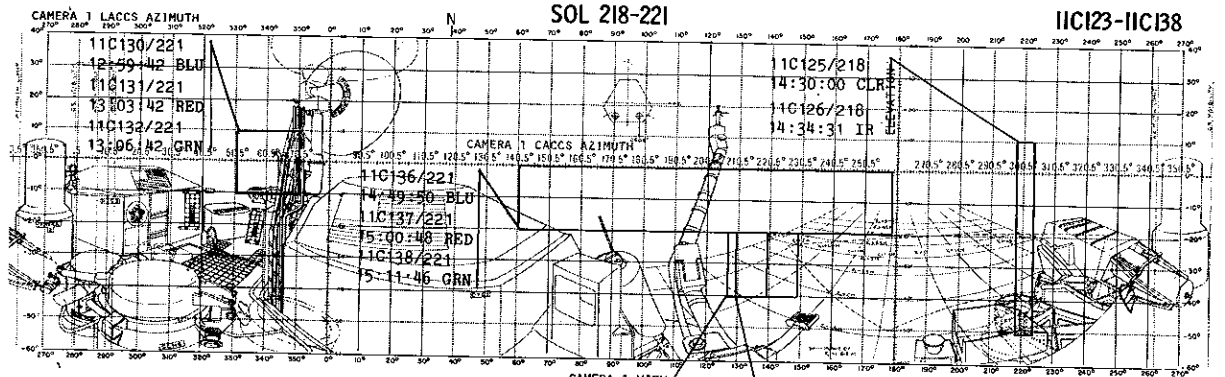
CAMERA 1 VIEW



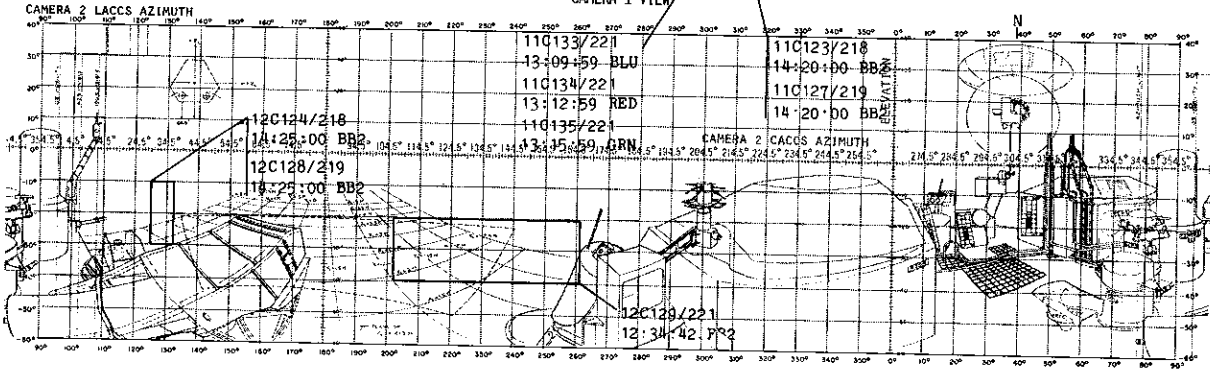
CAMERA 2 VIEW

SOL 218-221

11C123-11C138



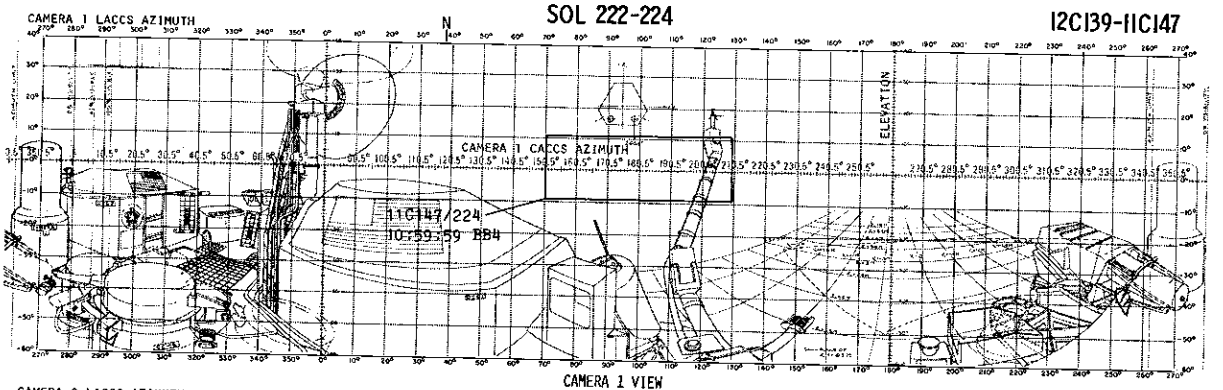
CAMERA 1 VIEW



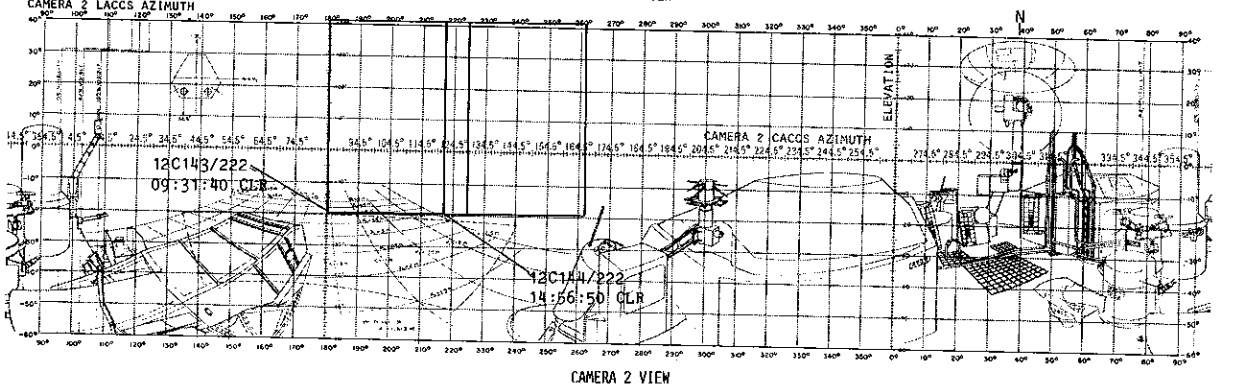
CAMERA 2 VIEW

SOL 222-224

12C139-11C147



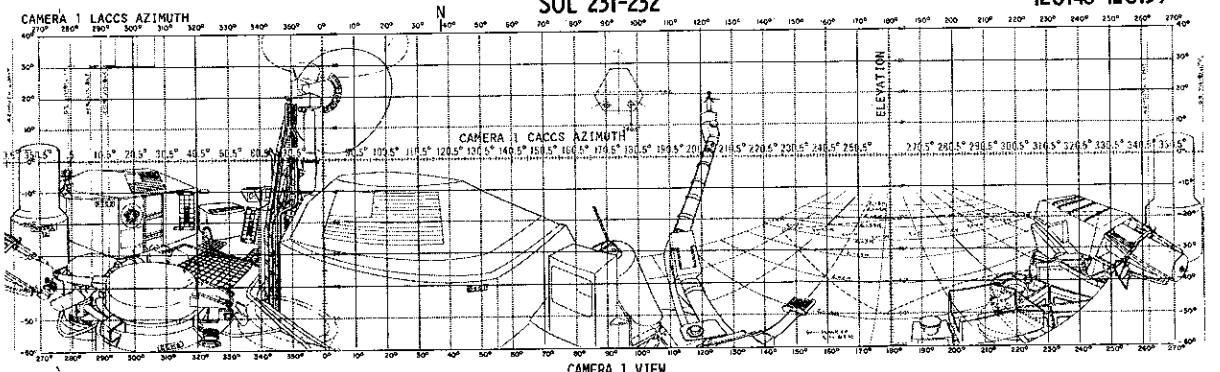
CAMERA 1 VIEW



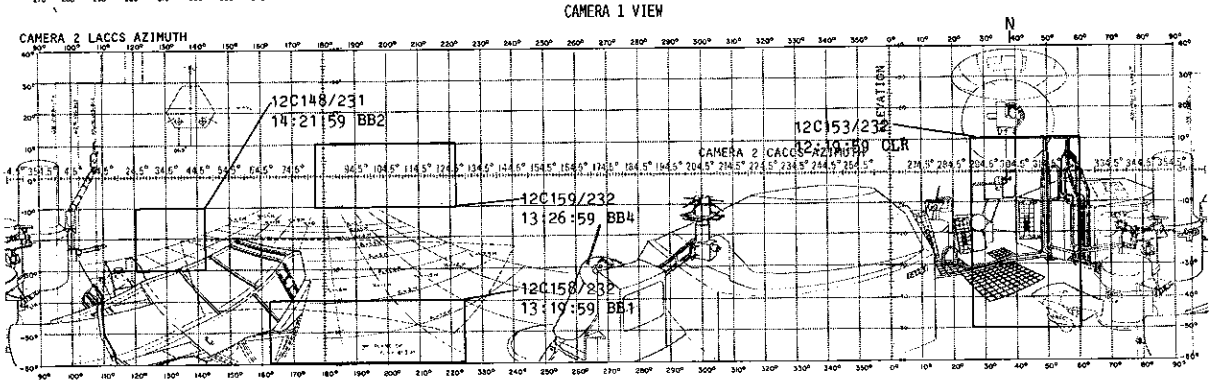
CAMERA 2 VIEW

SOL 231-232

12C148-12C159



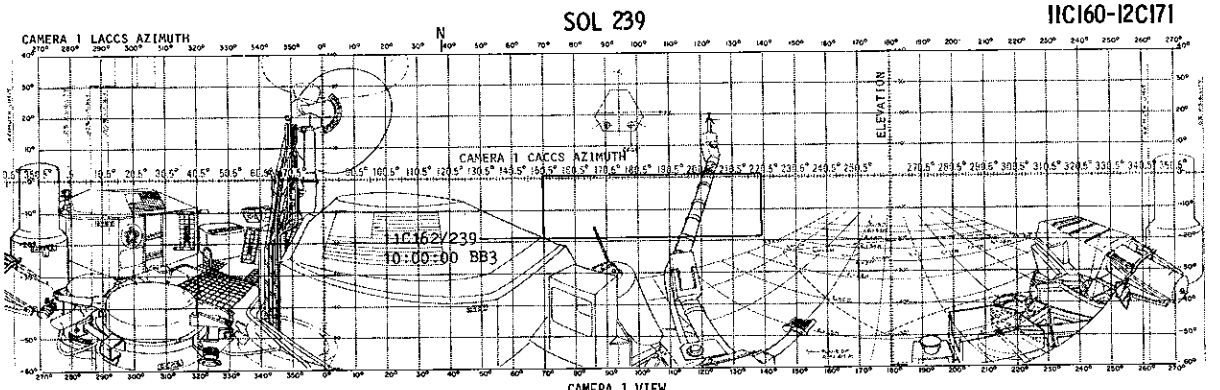
CAMERA 1 VIEW



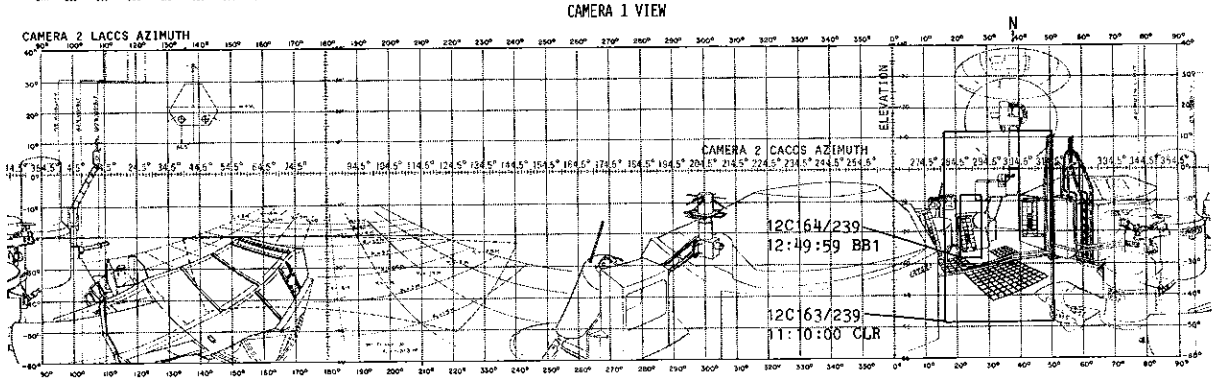
CAMERA 2 VIEW

SOL 239

11C160-12C171



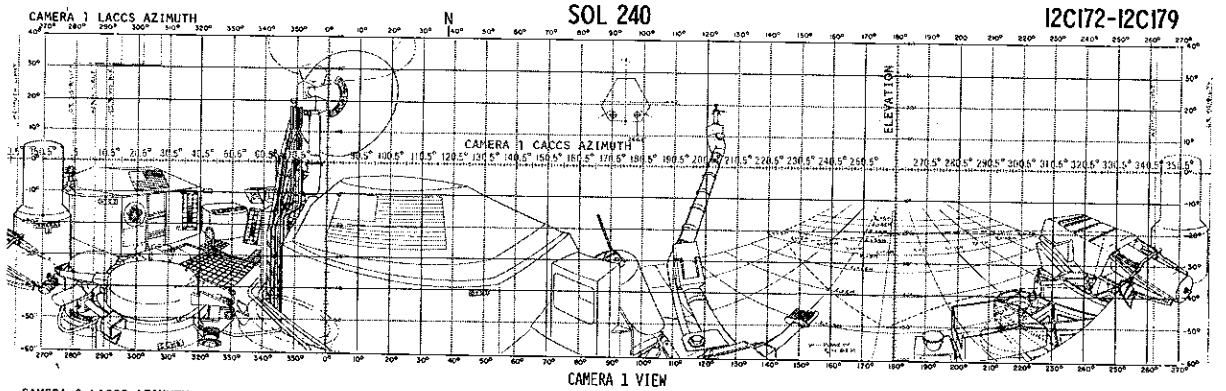
CAMERA 1 VIEW



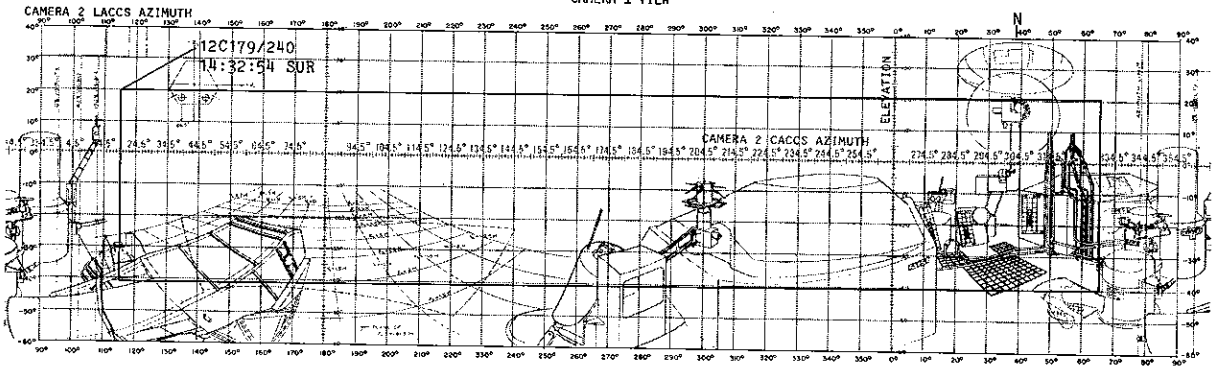
CAMERA 2 VIEW

SOL 240

I2C172-I2C179



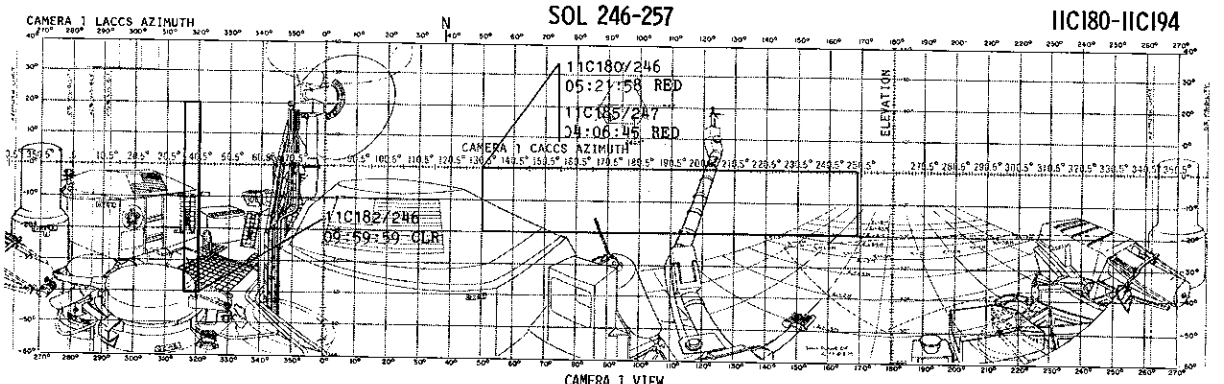
CAMERA 1 VIEW



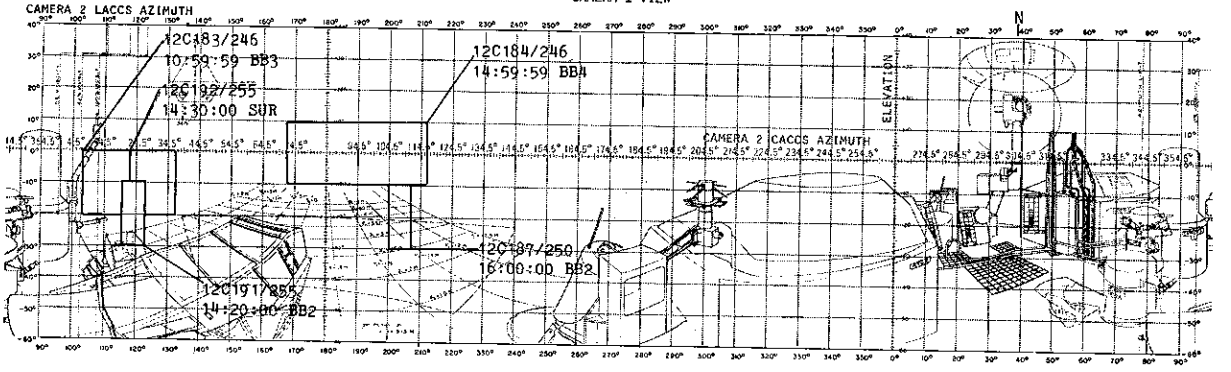
CAMERA 2 VIEW

SOL 246-257

IIC180-IIC194



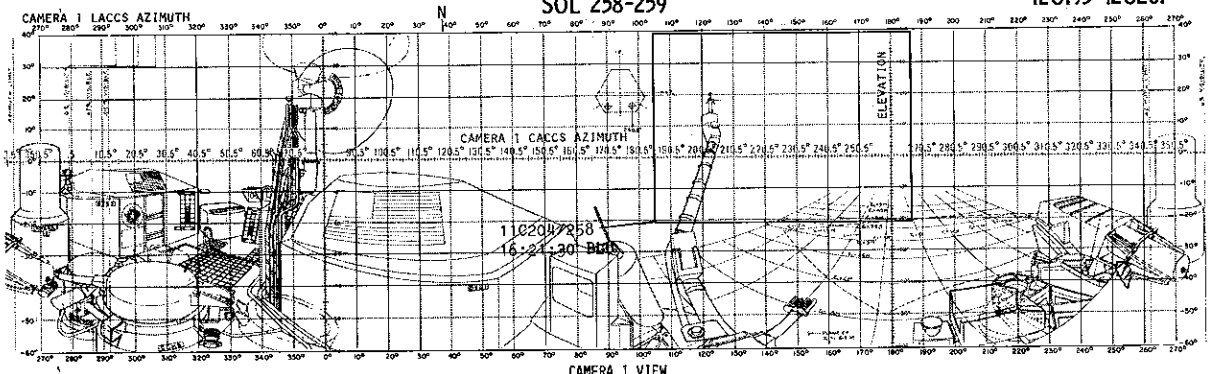
CAMERA 1 VIEW



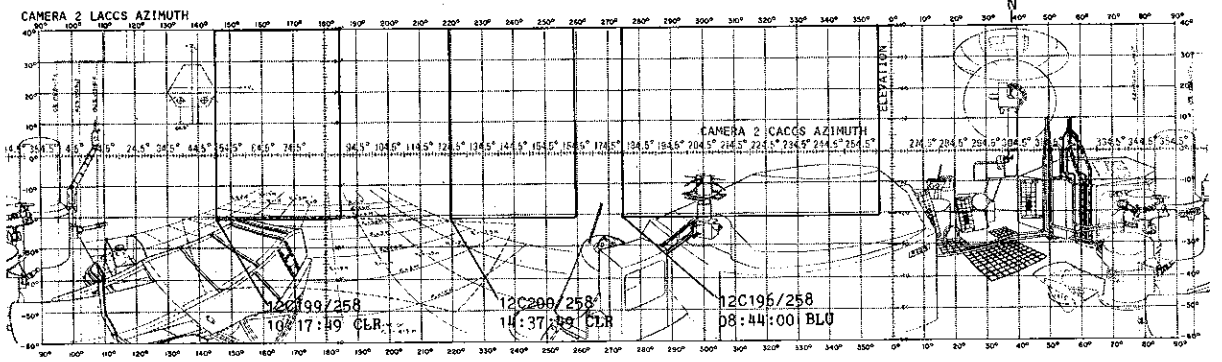
CAMERA 2 VIEW

SOL 258-259

I2C195-I2C207



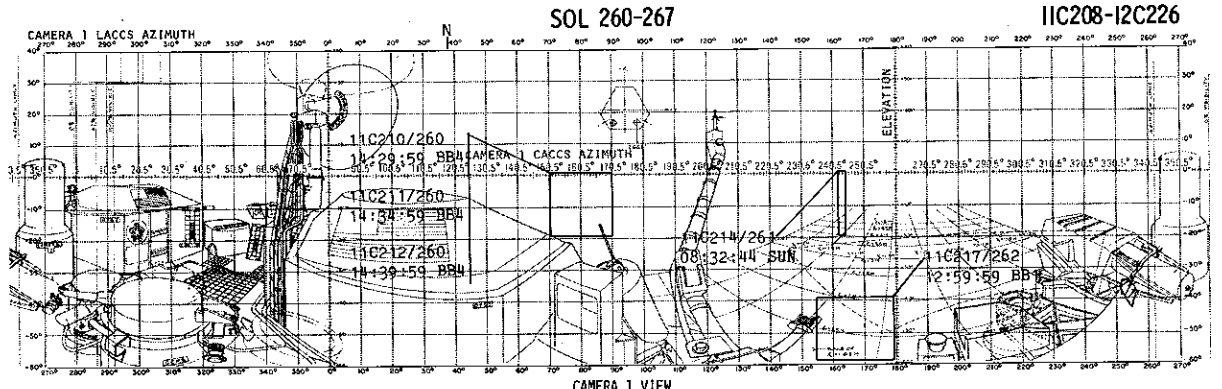
CAMERA 1 VIEW



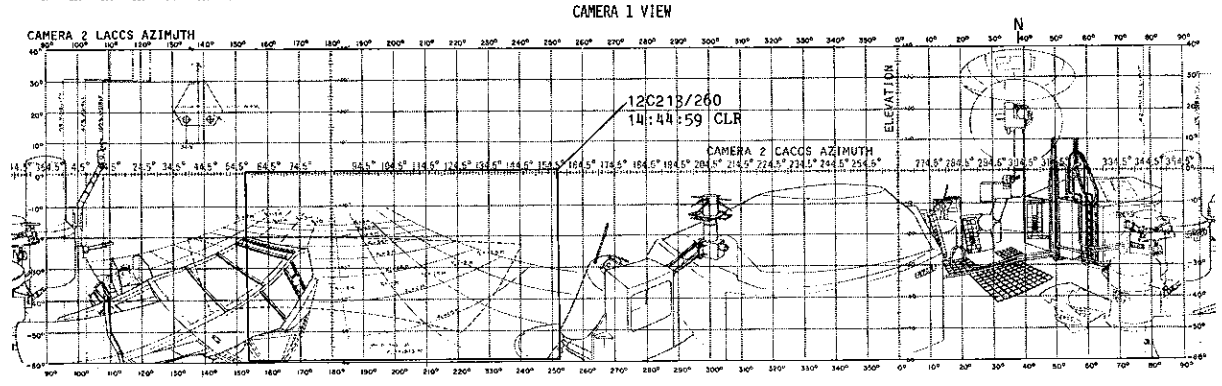
CAMERA 2 VIEW

SOL 260-267

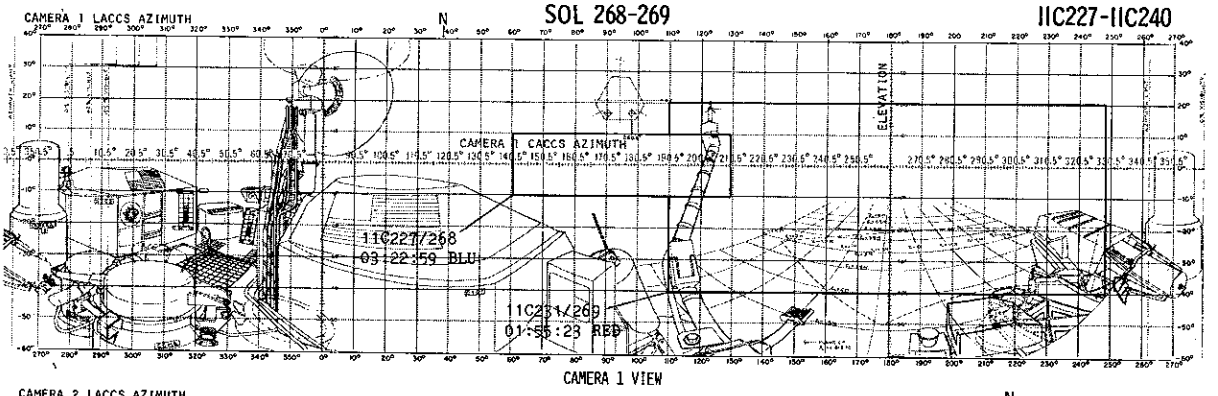
IIC208-I2C226



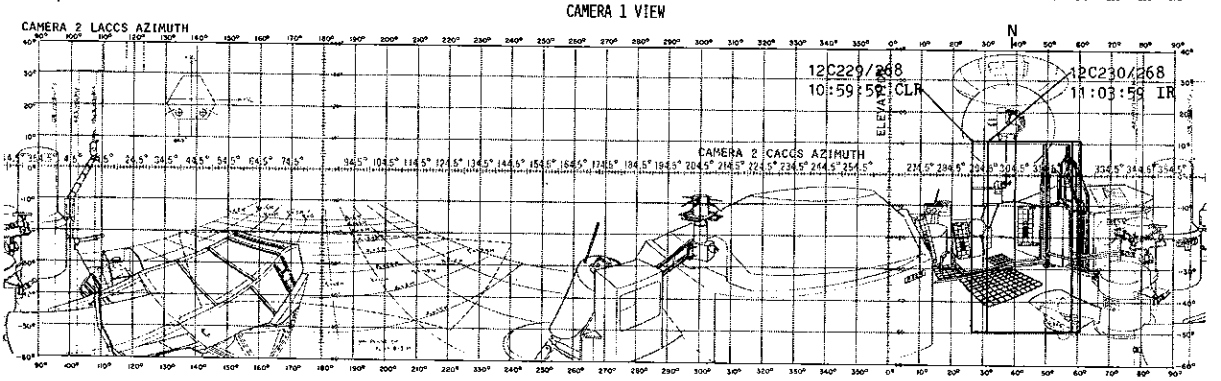
CAMERA 1 VIEW



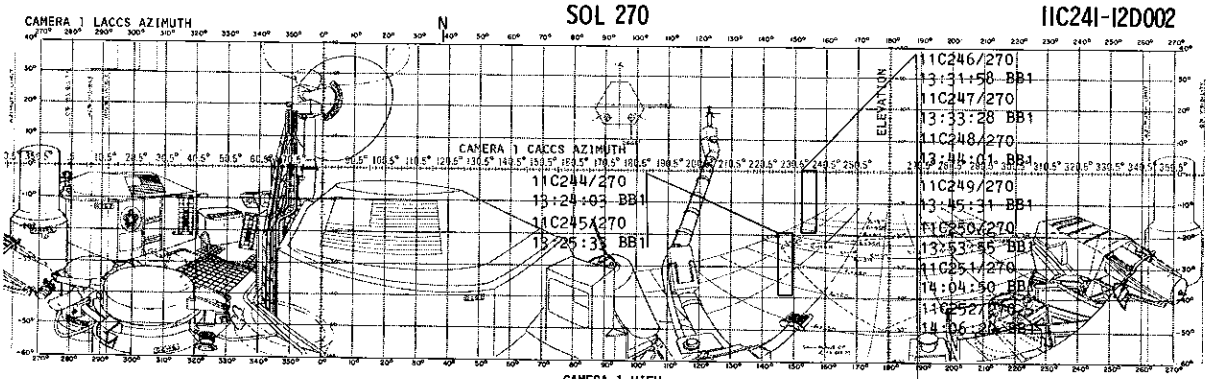
CAMERA 2 VIEW



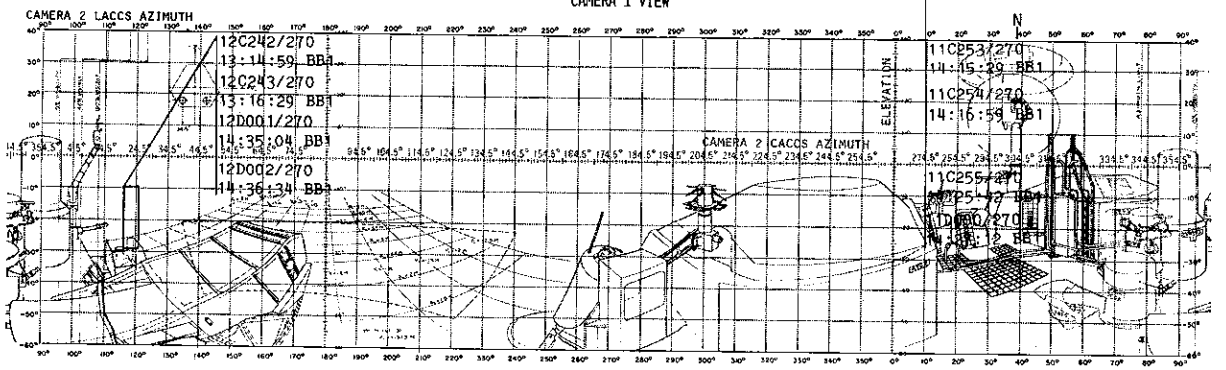
CAMERA 1 VIEW



CAMERA 2 VIEW



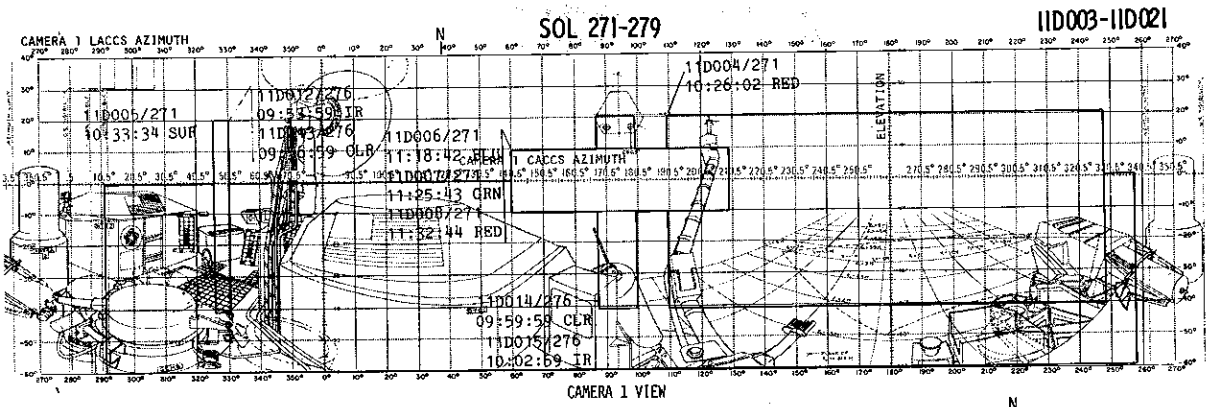
CAMERA 1 VIEW



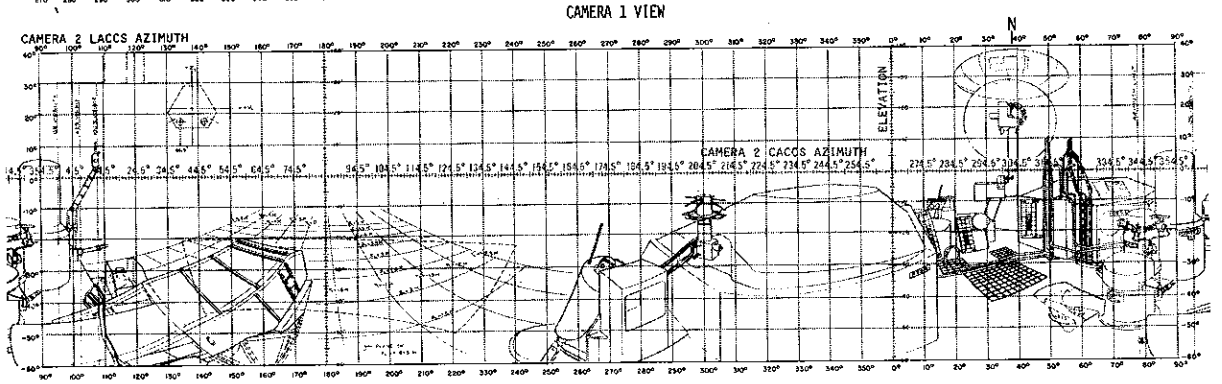
CAMERA 2 VIEW

SOL 271-279

11D003-11D021



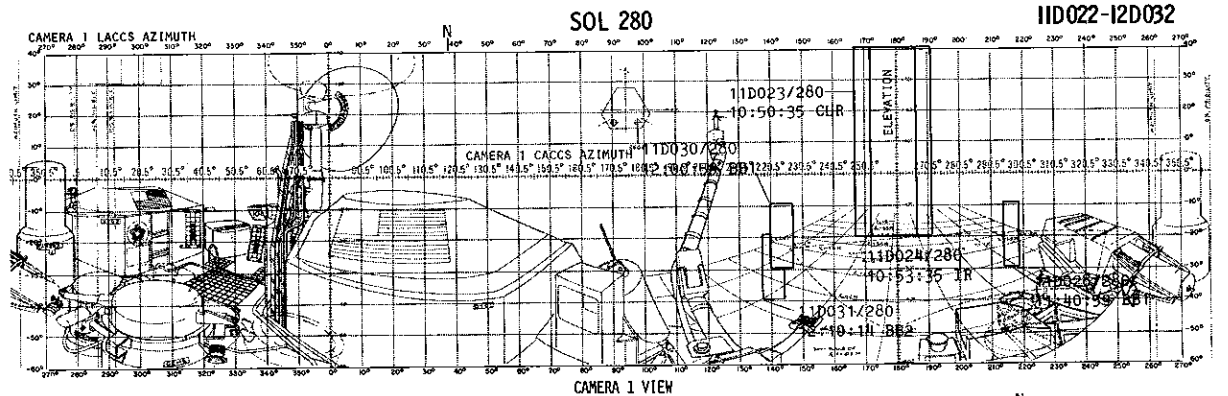
CAMERA 1 VIEW



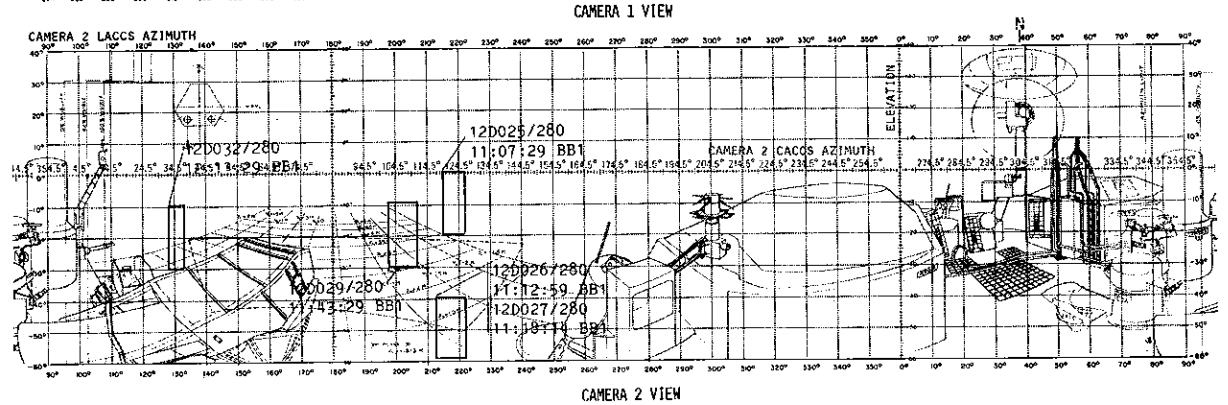
CAMERA 2 VIEW

SOL 280

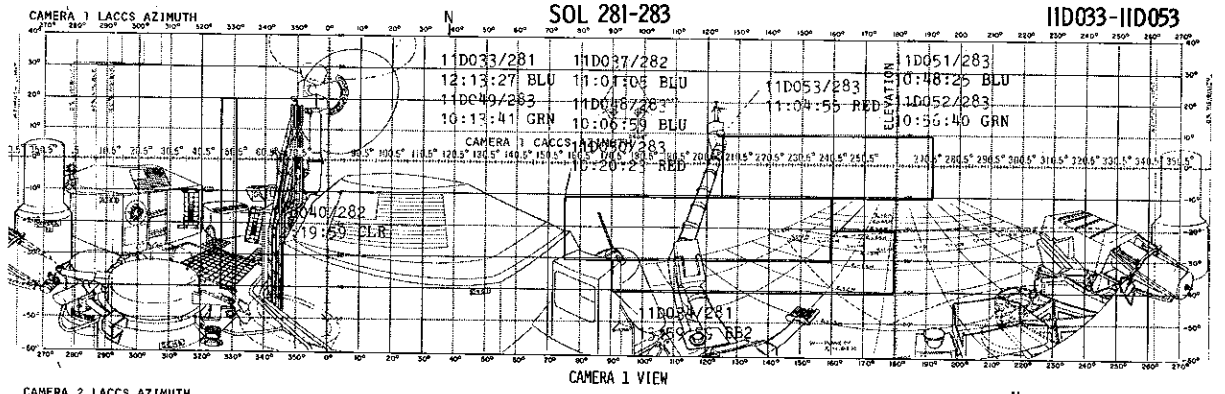
11D022-12D032

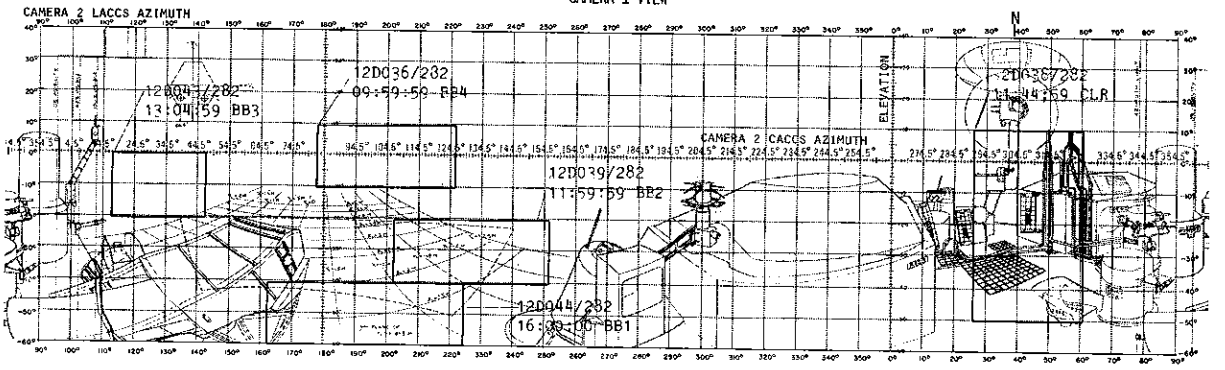


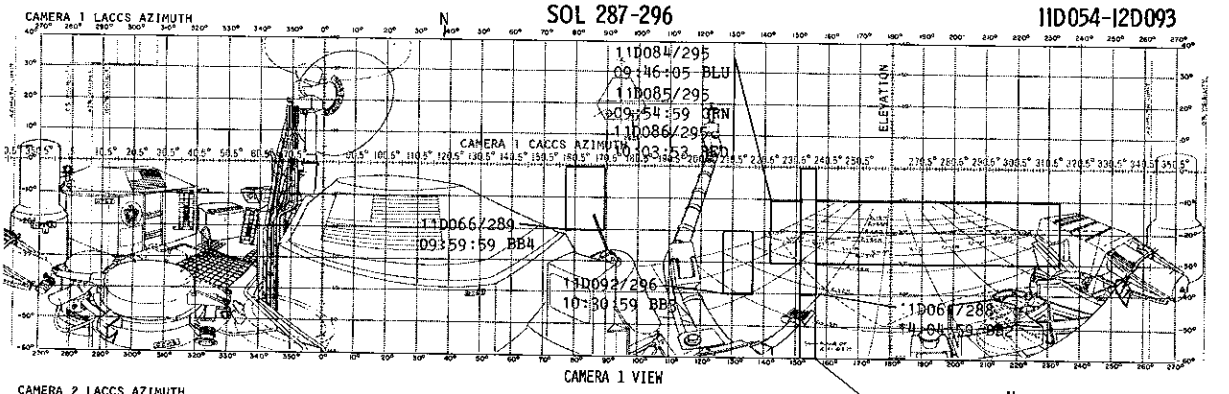
CAMERA 1 VIEW

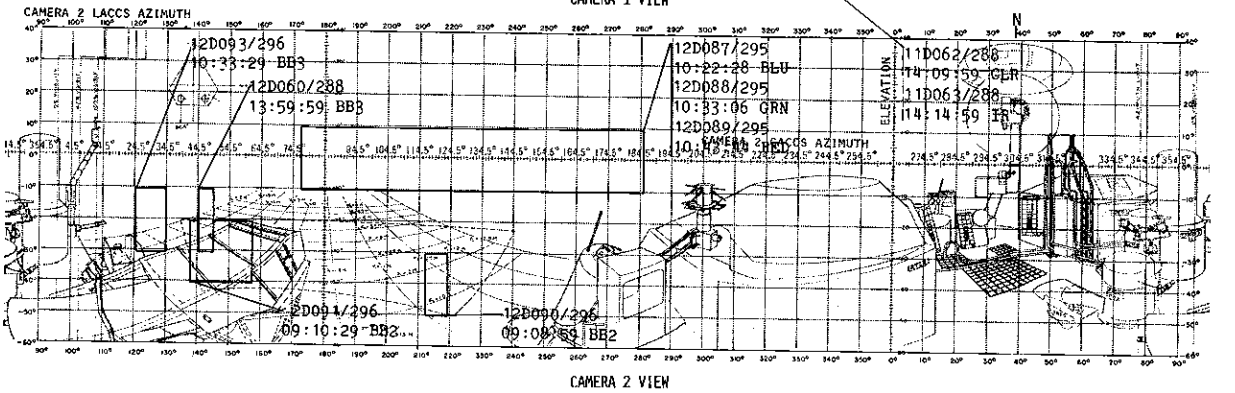


CAMERA 2 VIEW


SOL 281-283
1ID033-1ID053
CAMERA 1 LACCS AZIMUTH
N
1ID033/281
12:13:27 BLU
1ID037/282
11:01:05 BLU
1ID049/283
10:13:41 GRN
1ID053/283
11:04:55 RED
1ID051/283
10:48:25 BLU
1ID052/283
10:56:40 GRN
CAMERA 1 LACCS AZIMUTH/283
10:20:27 RED
ELEVATION
CAMERA 1 VIEW

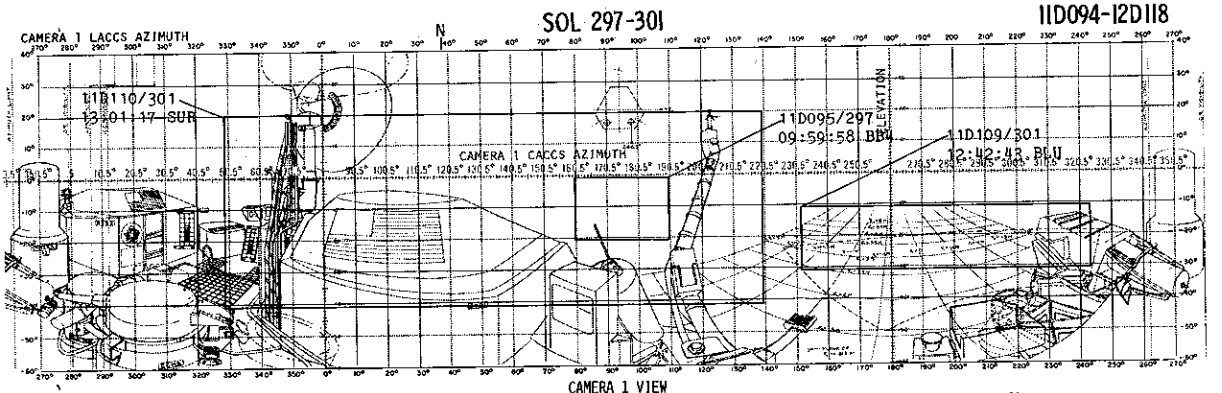

CAMERA 2 LACCS AZIMUTH
N
12D034/282
13:04:59 BB3
12D036/282
09:59:59 BB4
12D039/282
11:59:59 BB2
12D044/282
16:00:00 BB1
CAMERA 2 LACCS AZIMUTH
ELEVATION
CAMERA 2 VIEW


SOL 287-296
1ID054-12D093
CAMERA 1 LACCS AZIMUTH
N
11D084/295
09:46:05 BLU
11D085/295
09:54:59 GRN
11D086/295
10:03:53 RED
CAMERA 1 LACCS AZIMUTH
11D066/289
09:59:59 BB4
11D092/296
10:30:59 BB3
ELEVATION
CAMERA 1 VIEW

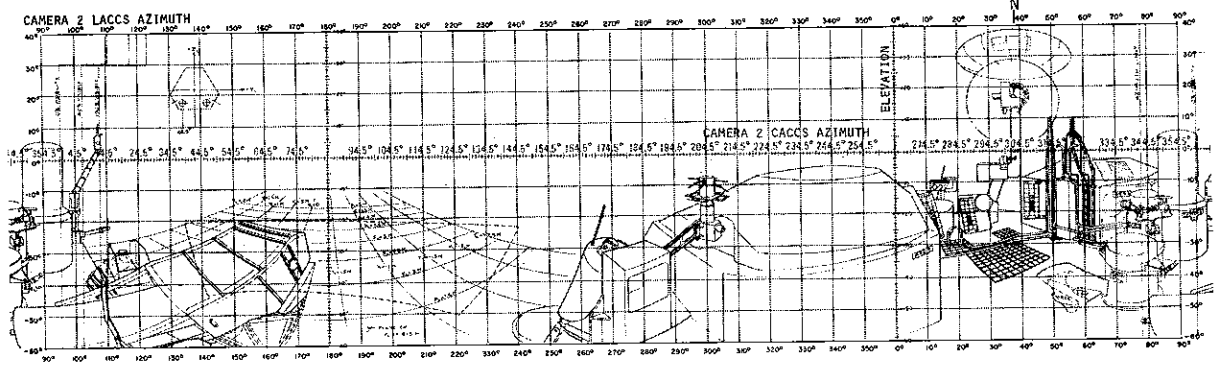

CAMERA 2 LACCS AZIMUTH
N
12D093/296
10:33:29 BB3
12D060/288
13:59:59 BB3
12D087/295
10:22:28 BLU
12D088/295
10:33:06 GRN
12D089/295
CAMERA 2 LACCS AZIMUTH
11D062/288
11:09:59 CLR
11D063/288
11:14:59 BB
12D094/296
09:10:29 BB2
12D090/296
09:09:59 BB2
ELEVATION
CAMERA 2 VIEW

SOL 297-301

11D094-12D118



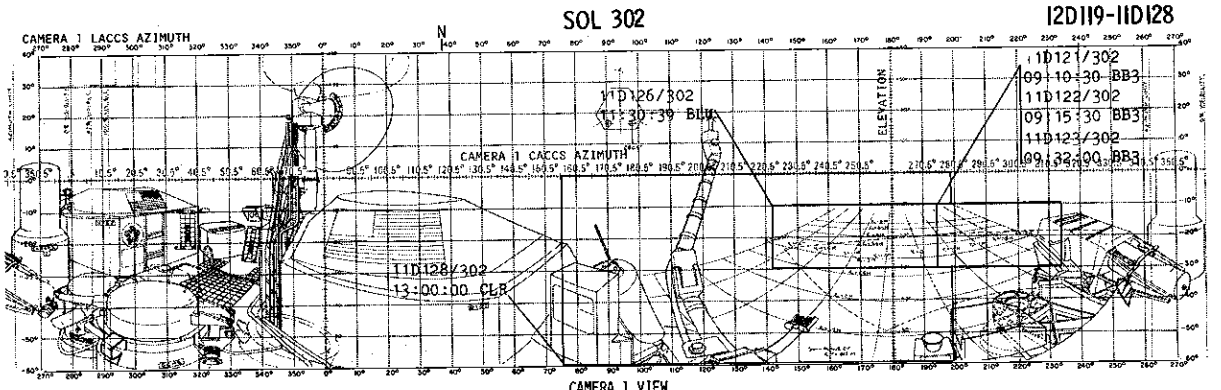
CAMERA 1 VIEW



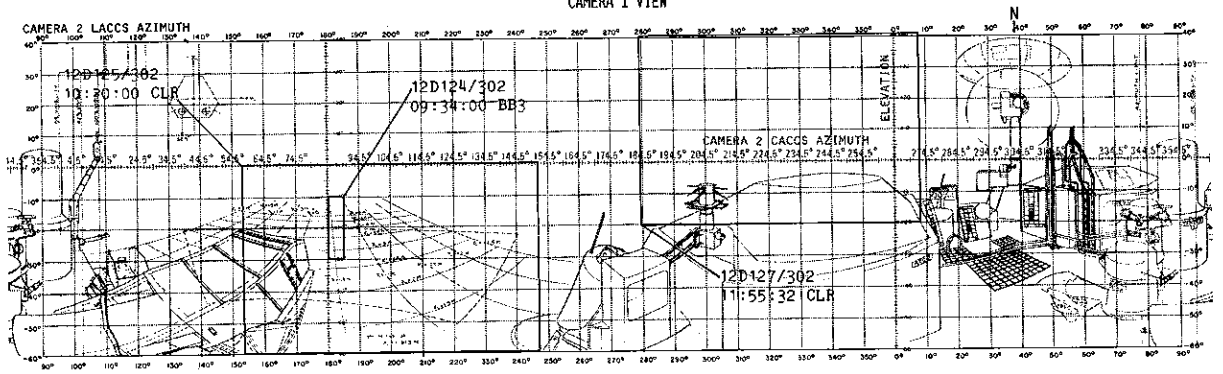
CAMERA 2 VIEW

SOL 302

12D119-11D128



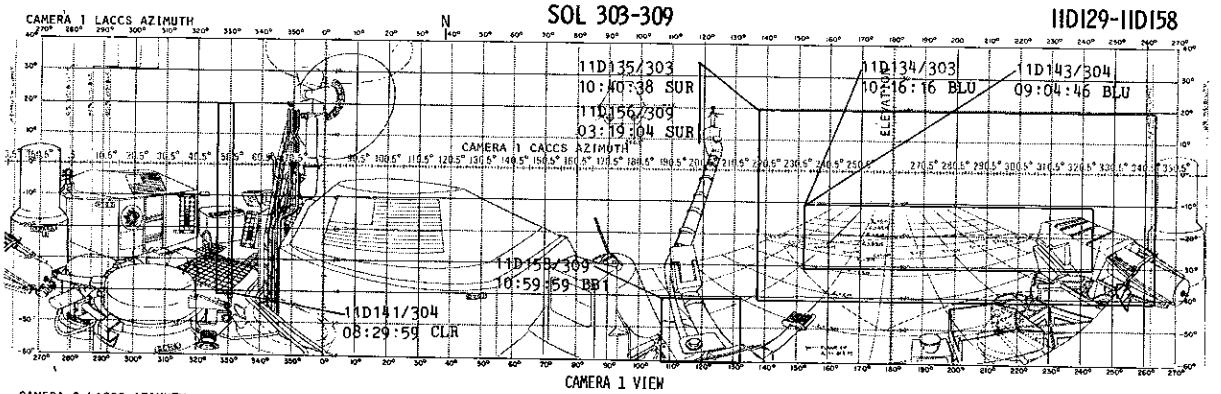
CAMERA 1 VIEW



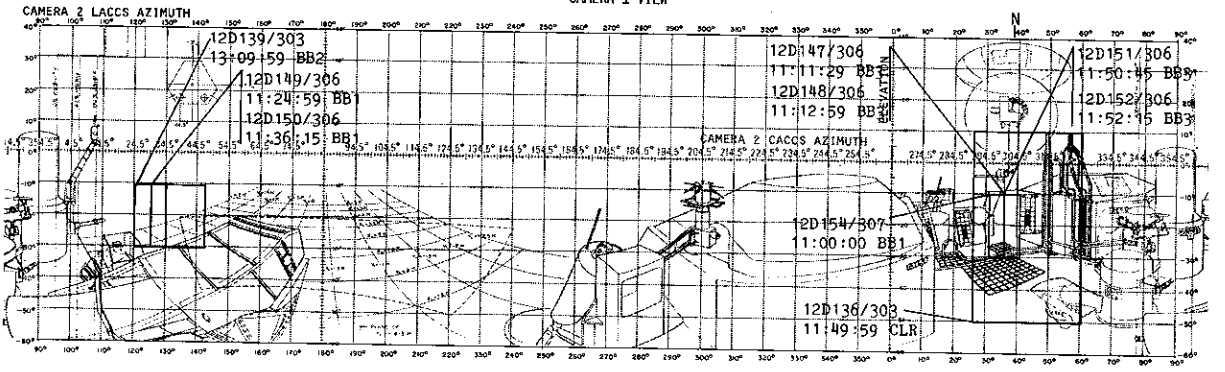
CAMERA 2 VIEW

SOL 303-309

11D129-11D158



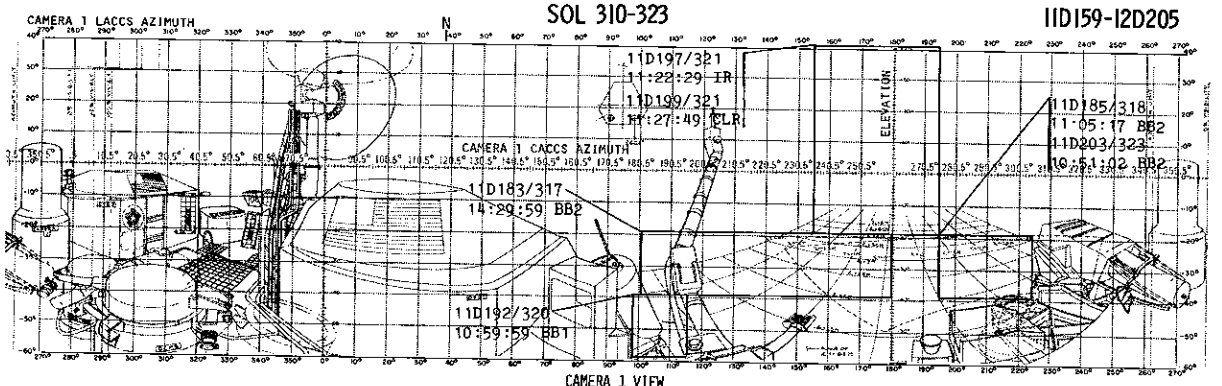
CAMERA 1 VIEW



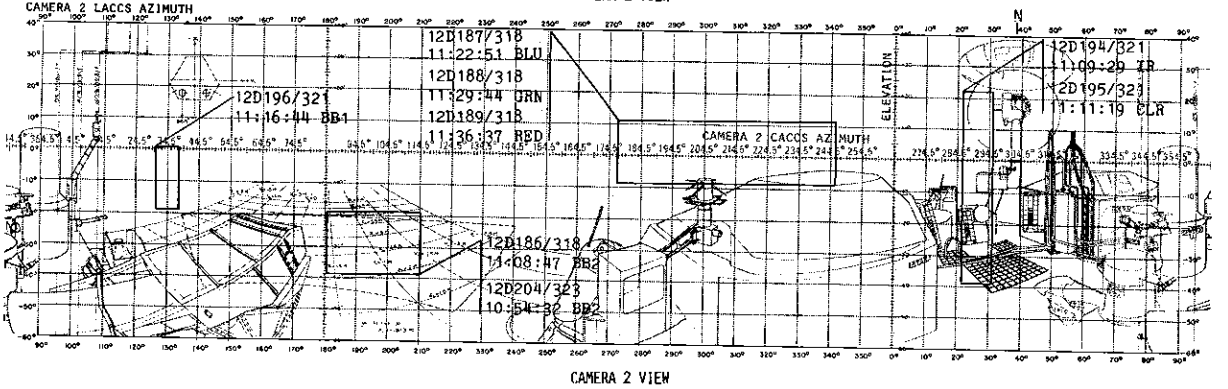
CAMERA 2 VIEW

SOL 310-323

11D159-12D205



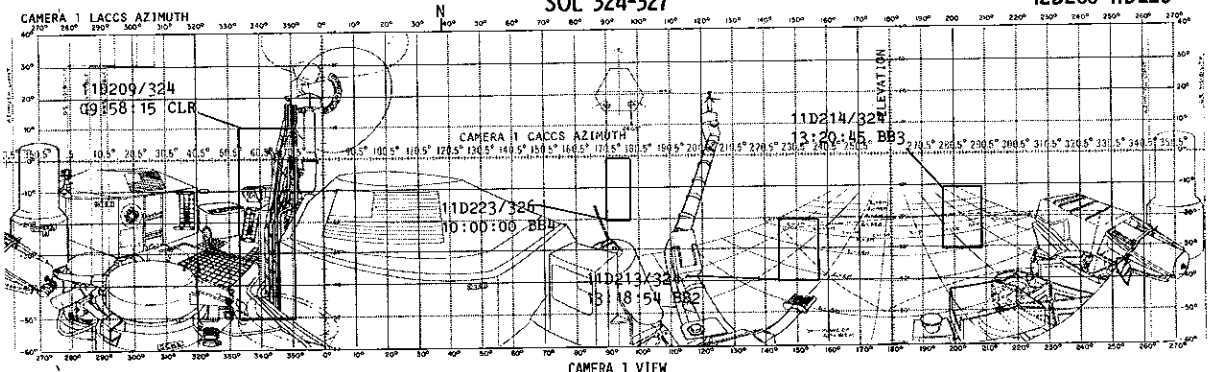
CAMERA 1 VIEW



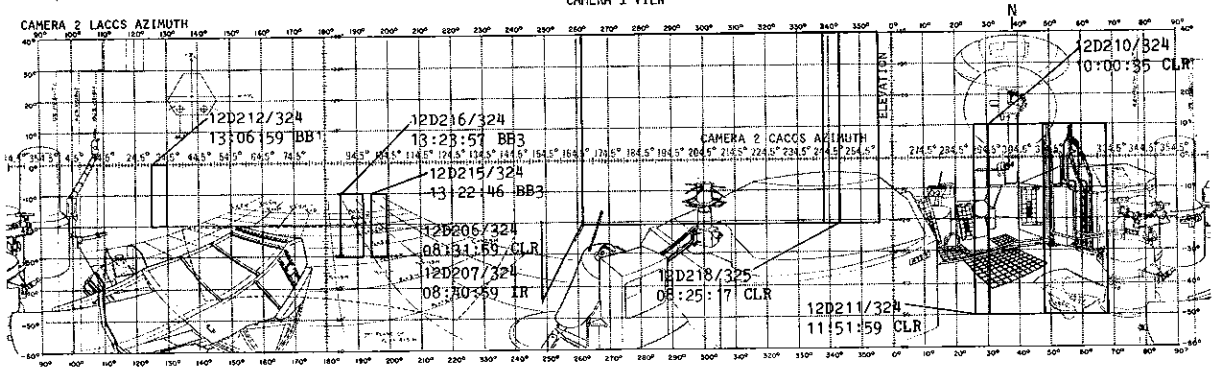
CAMERA 2 VIEW

SOL 324-327

12D206-11D226



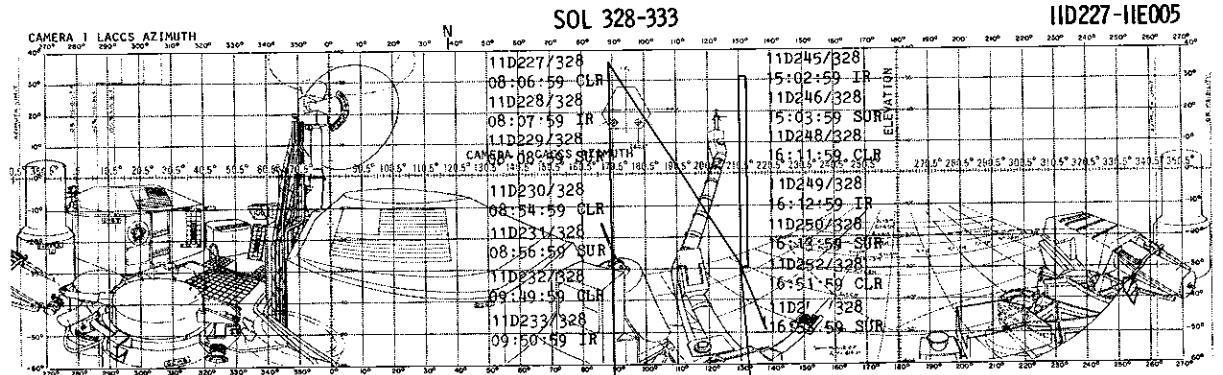
CAMERA 1 VIEW



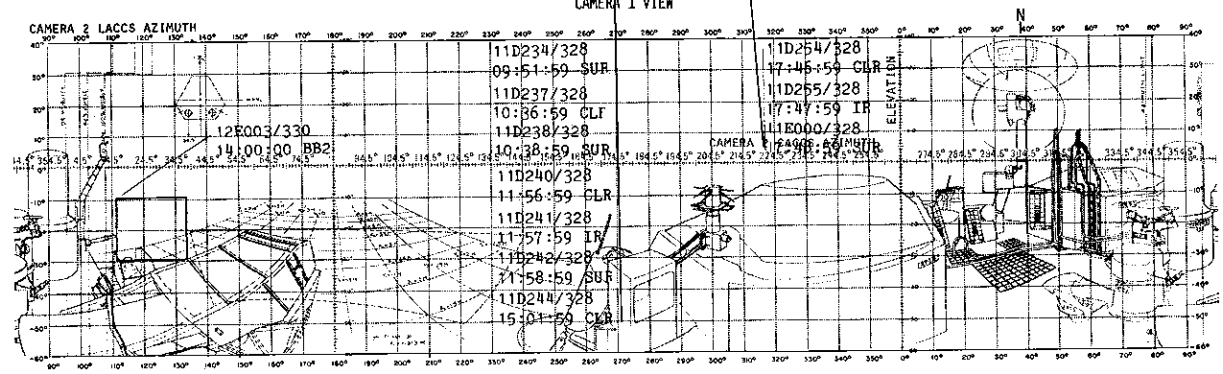
CAMERA 2 VIEW

SOL 328-333

11D227-11E005



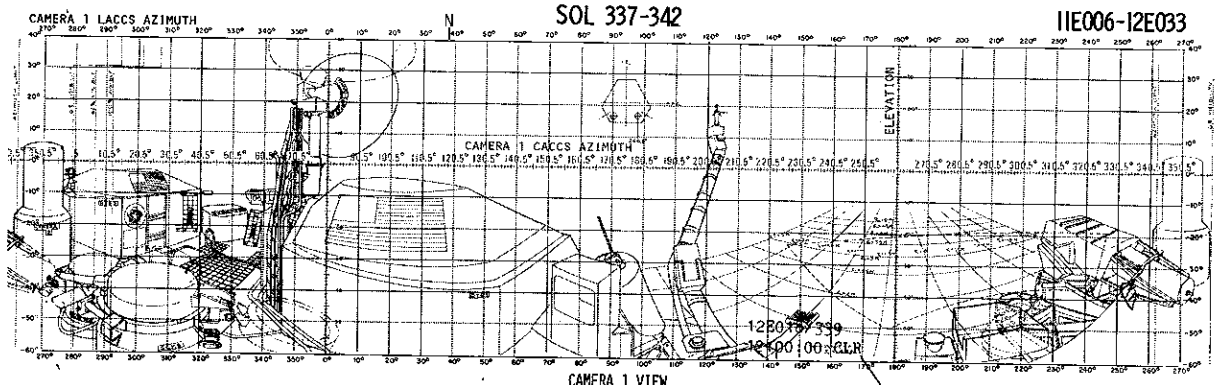
CAMERA 1 VIEW



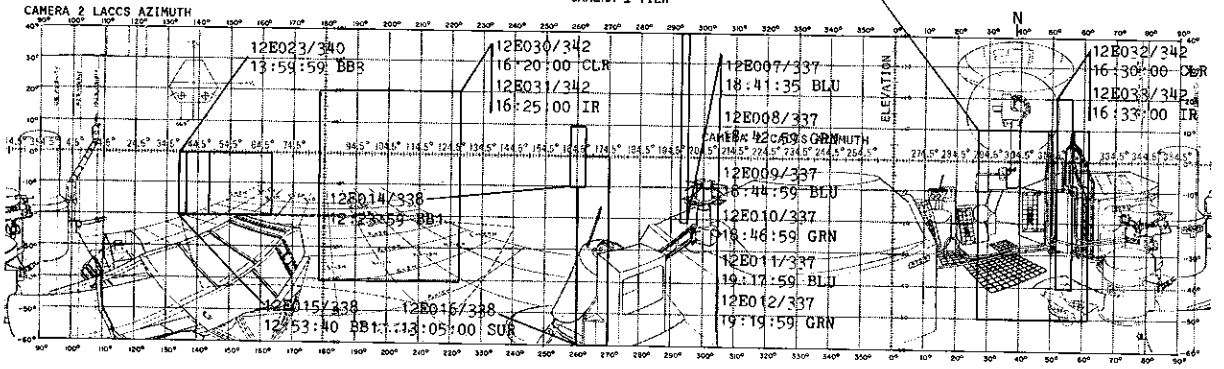
CAMERA 2 VIEW

SOL 337-342

11E006-12E033



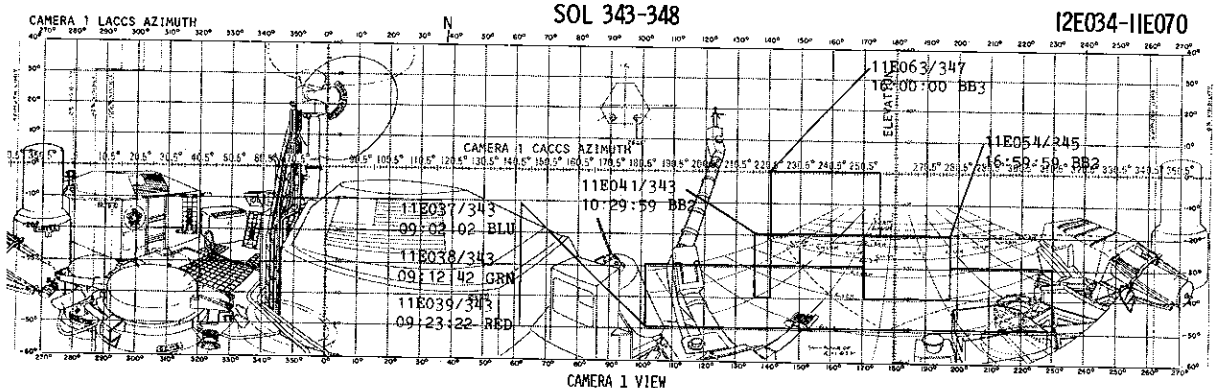
CAMERA 1 VIEW



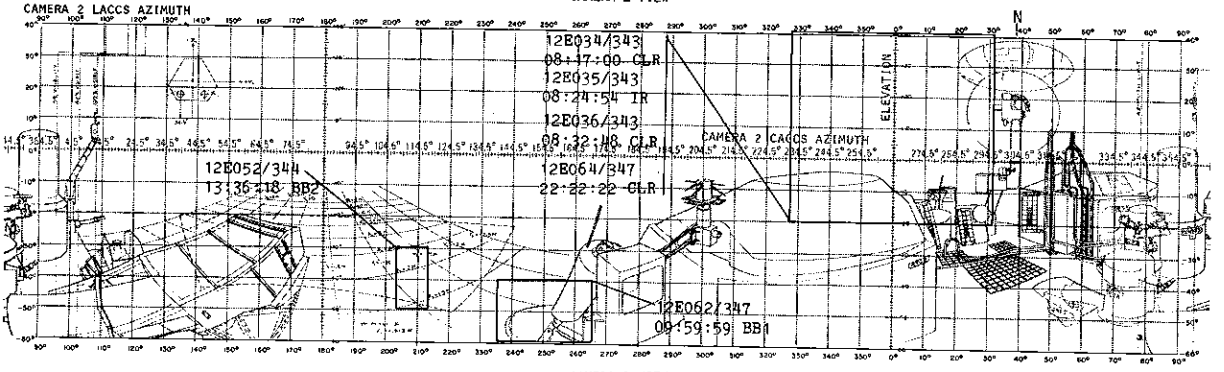
CAMERA 2 VIEW

SOL 343-348

12E034-11E070



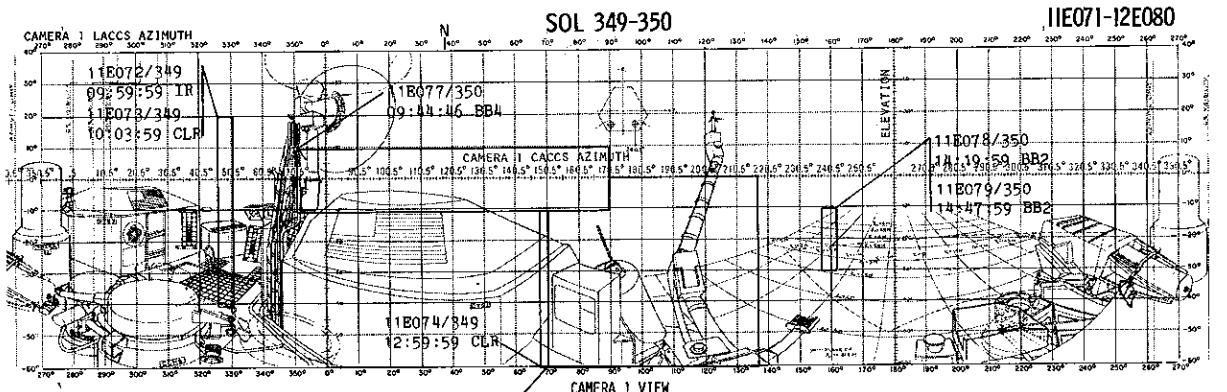
CAMERA 1 VIEW



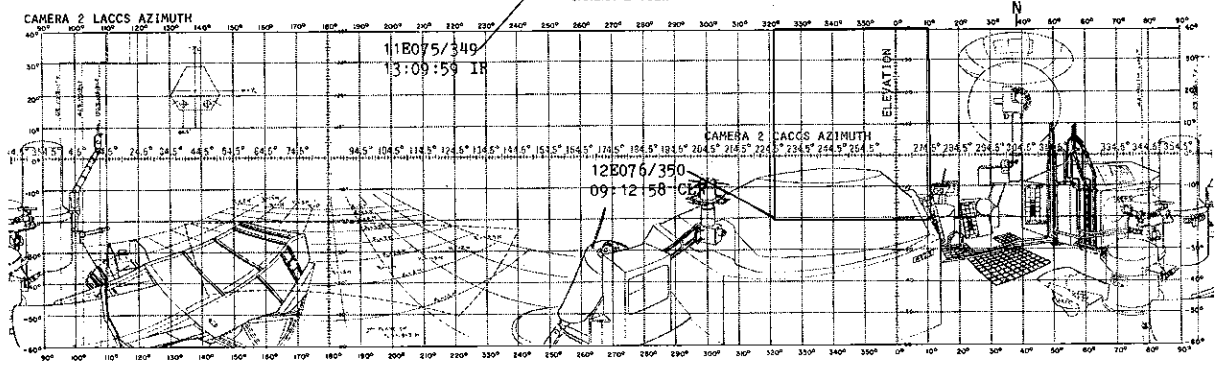
CAMERA 2 VIEW

SOL 349-350

1IE071-12E080



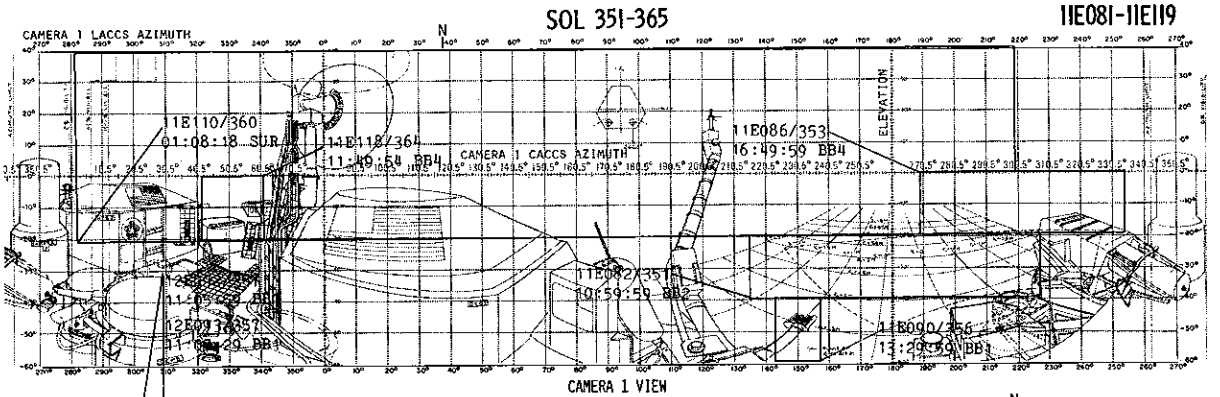
CAMERA 1 VIEW



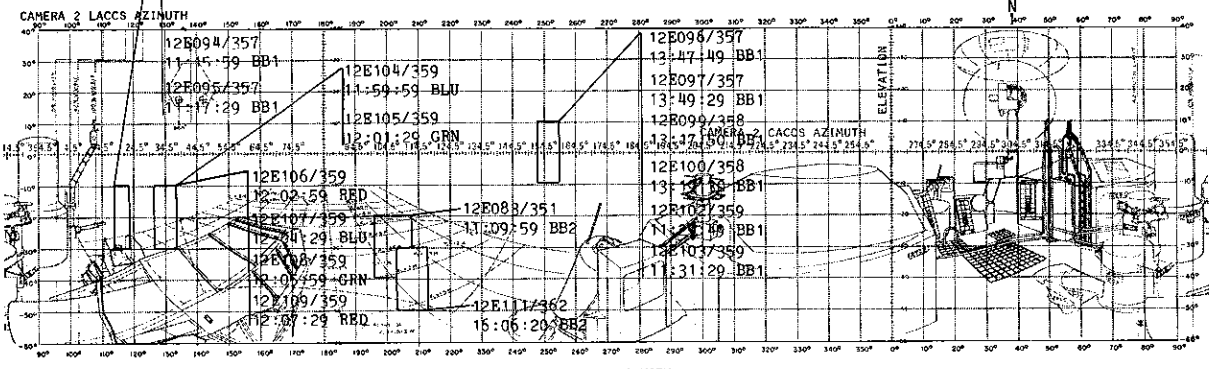
CAMERA 2 VIEW

SOL 351-365

1IE081-1IE119



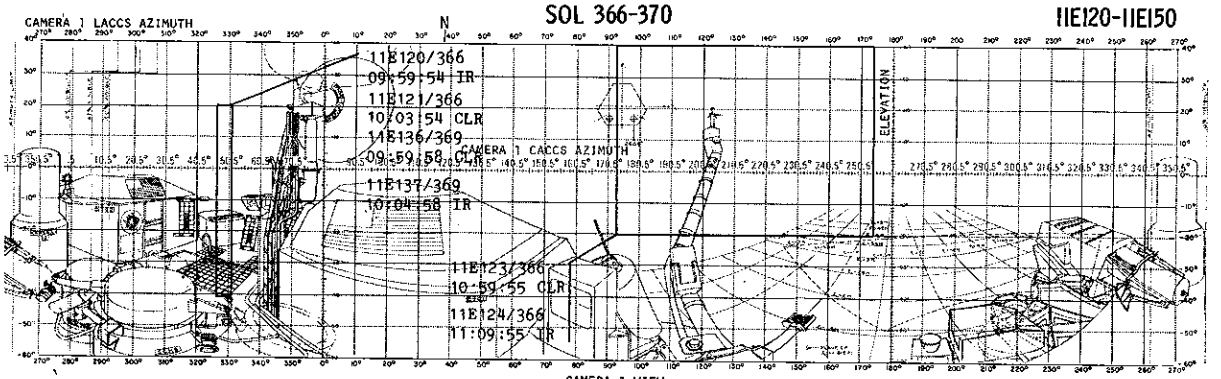
CAMERA 1 VIEW



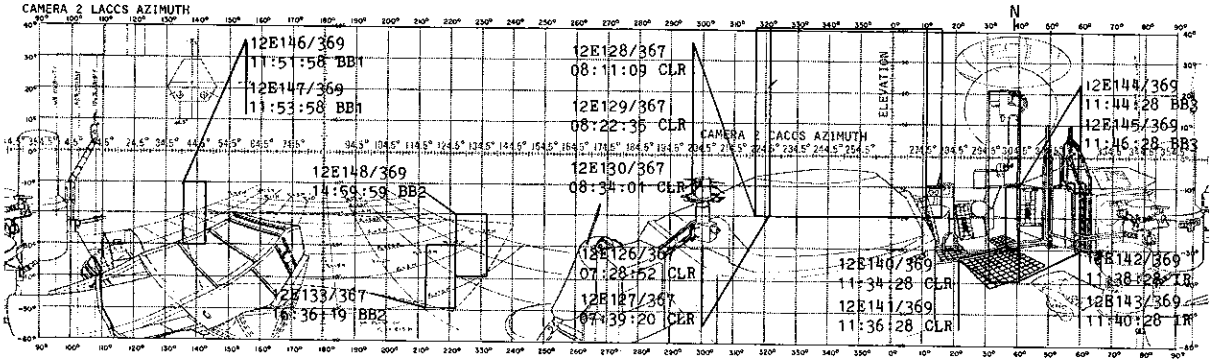
CAMERA 2 VIEW

SOL 366-370

11E120-11E150



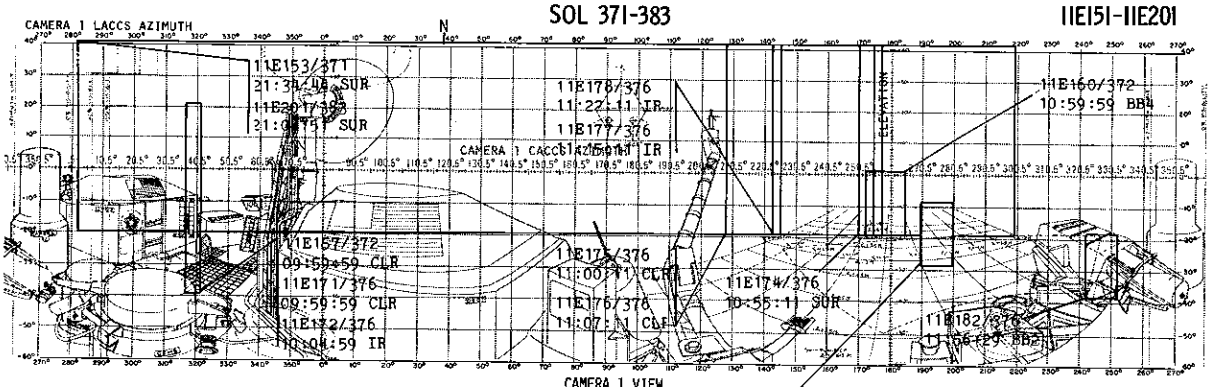
CAMERA 1 VIEW



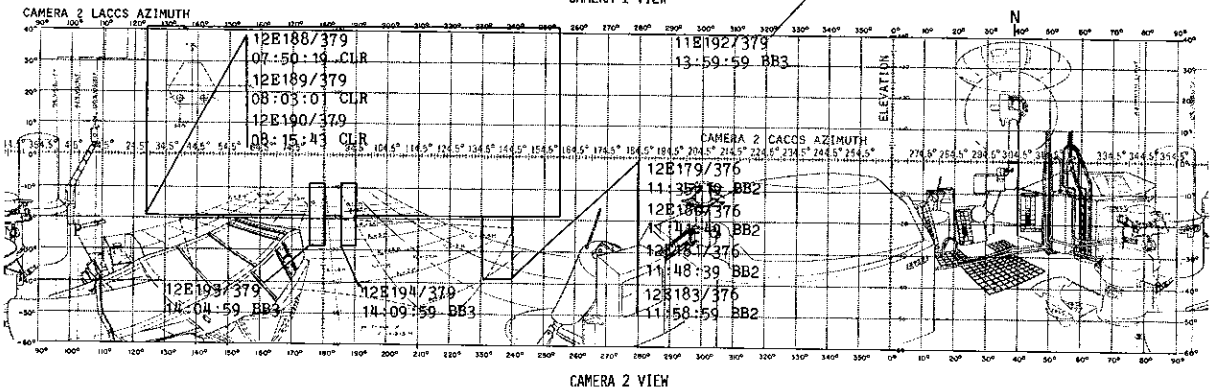
CAMERA 2 VIEW

SOL 371-383

11E151-11E201



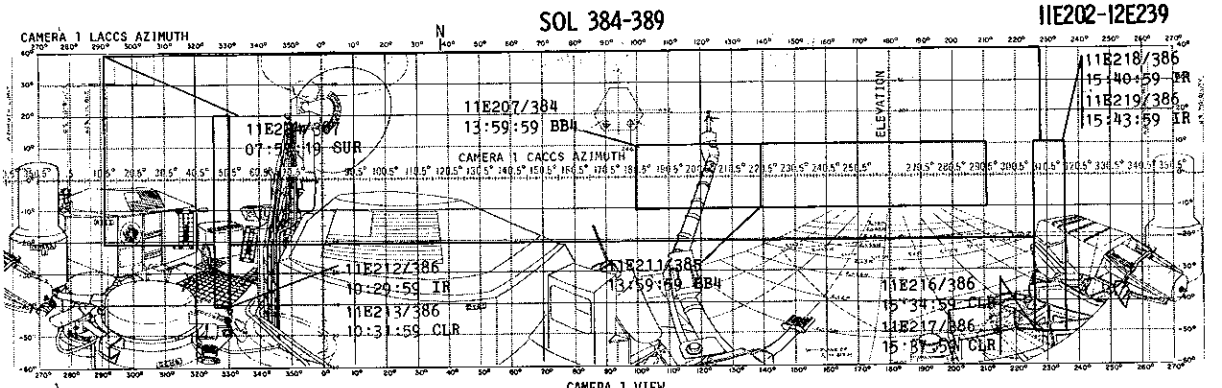
CAMERA 1 VIEW



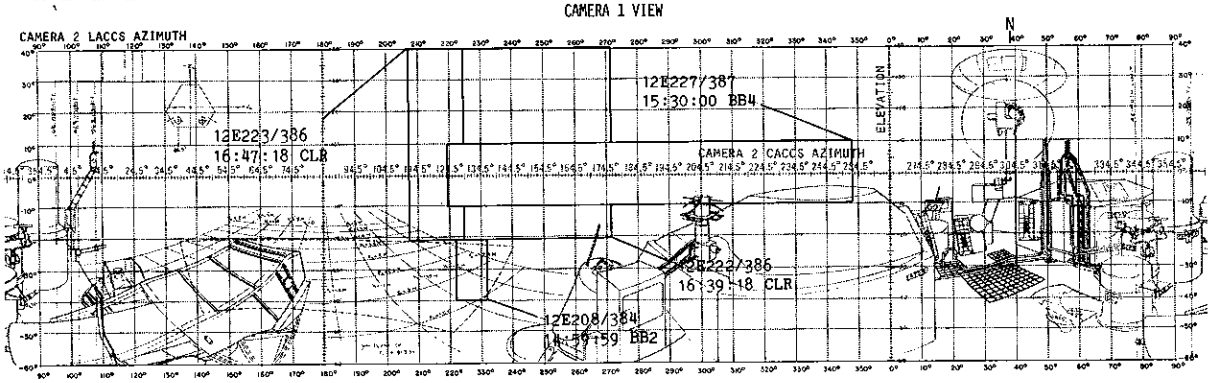
CAMERA 2 VIEW

SOL 384-389

11E202-12E239



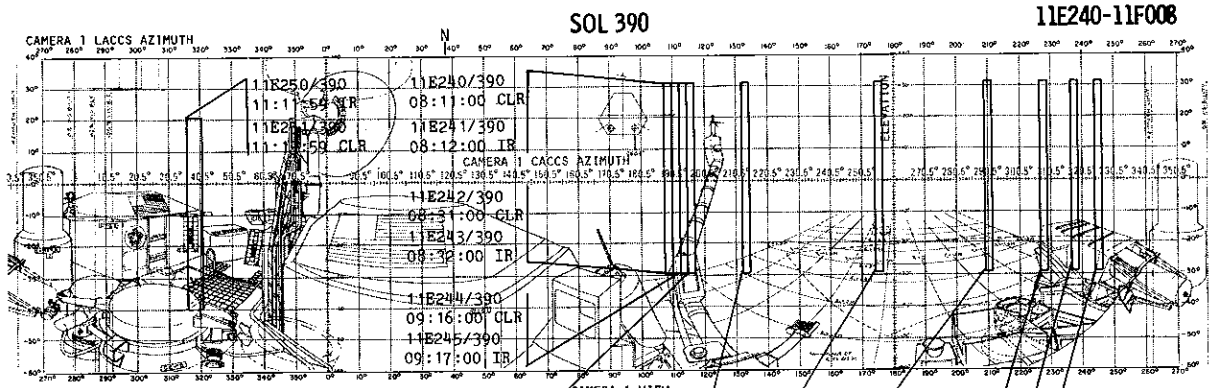
CAMERA 1 VIEW



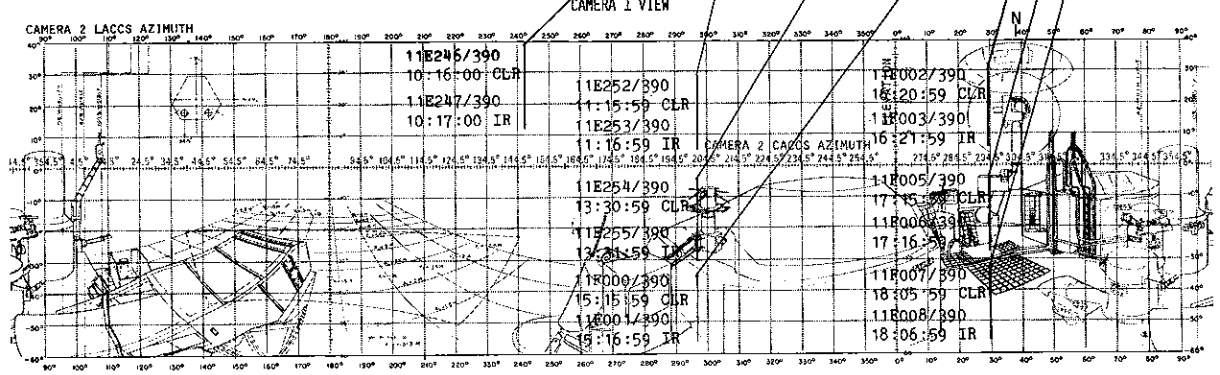
CAMERA 2 VIEW

SOL 390

11E240-11F008



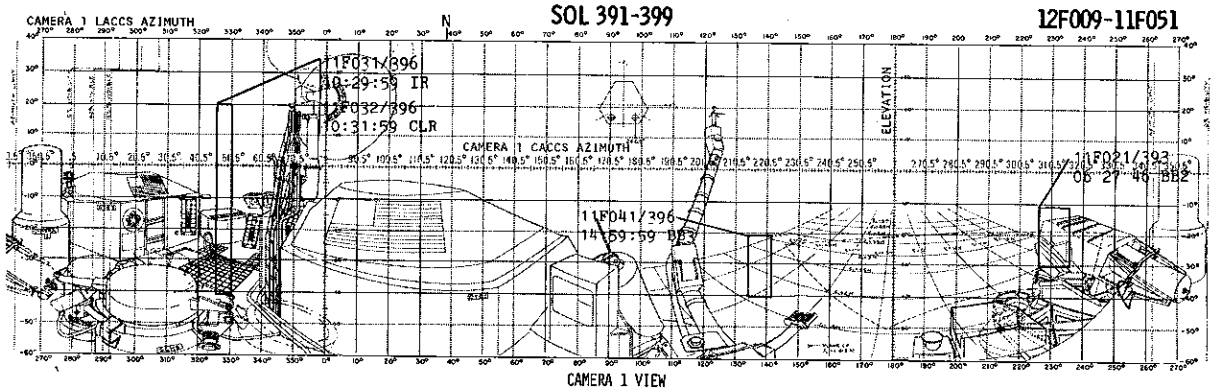
CAMERA 1 VIEW



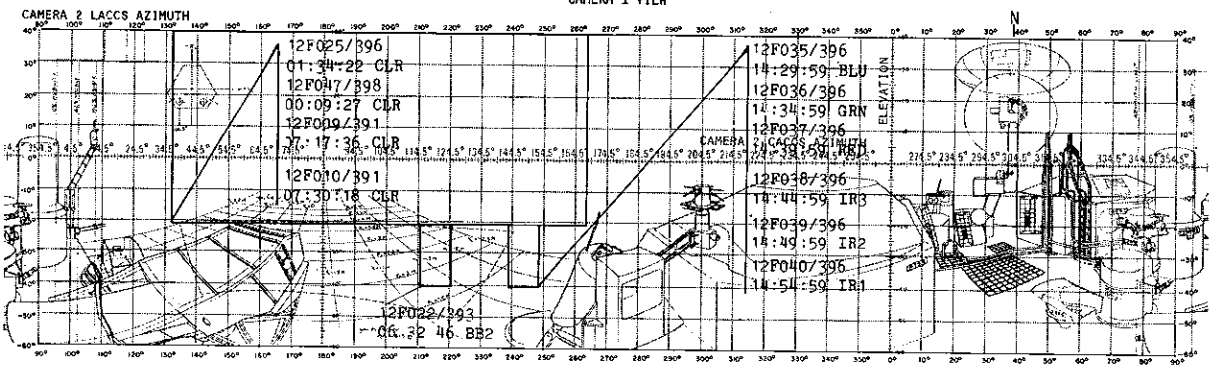
CAMERA 2 VIEW

SOL 391-399

12F009-11F051



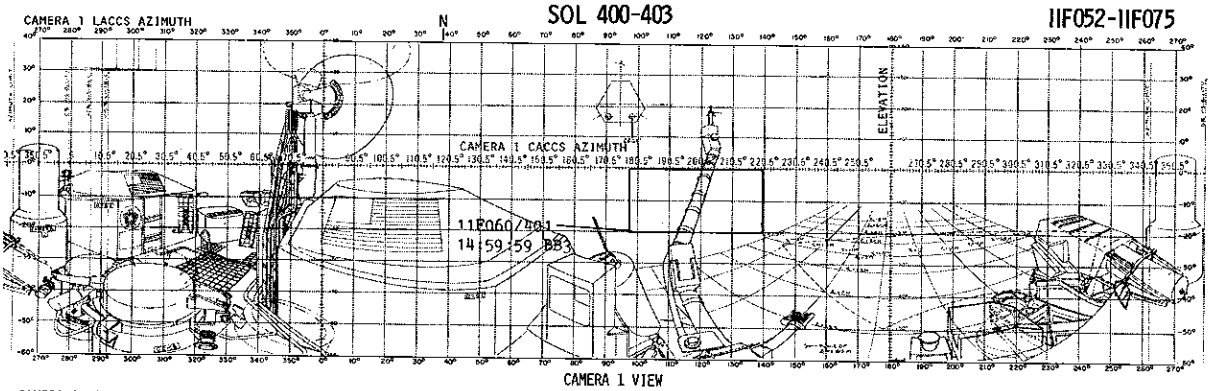
CAMERA 1 VIEW



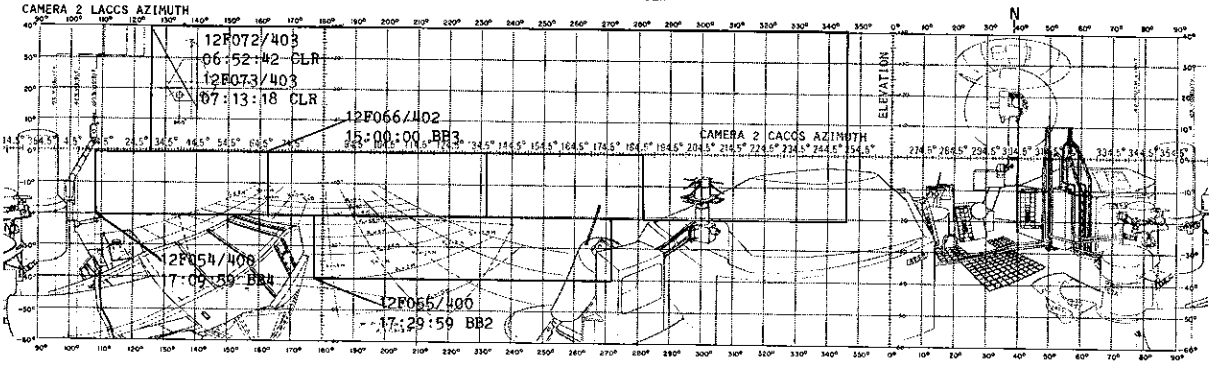
CAMERA 2 VIEW

SOL 400-403

11F052-11F075



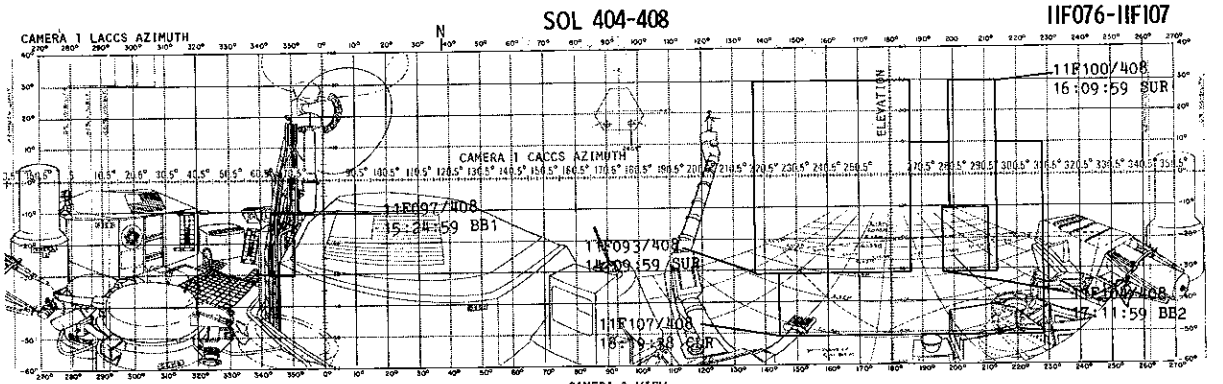
CAMERA 1 VIEW



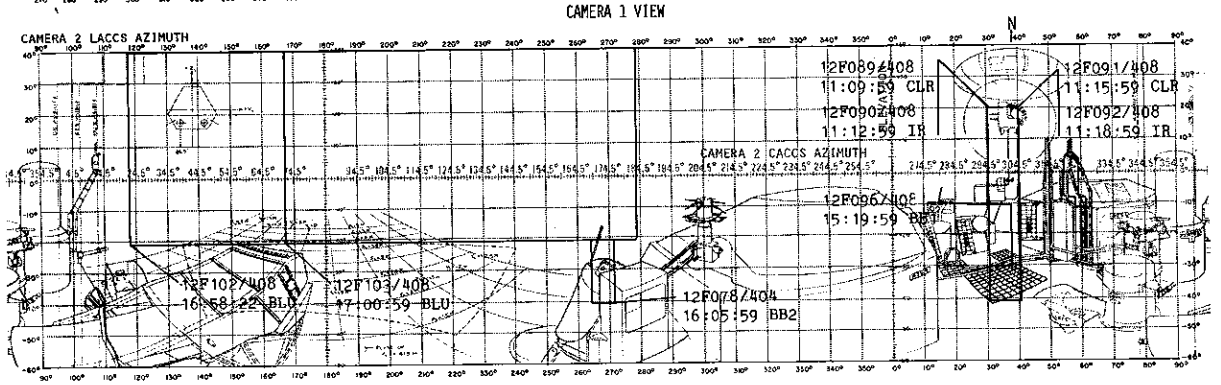
CAMERA 2 VIEW

SOL 404-408

11F076-11F107



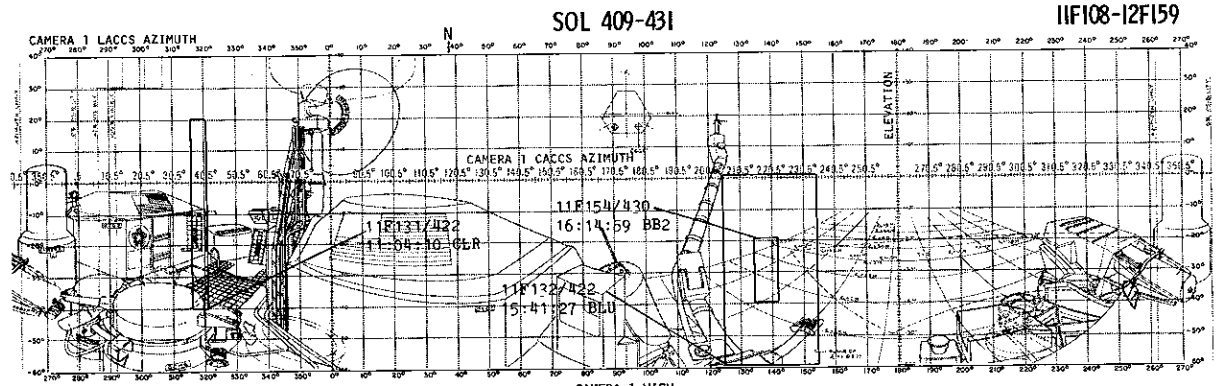
CAMERA 1 VIEW



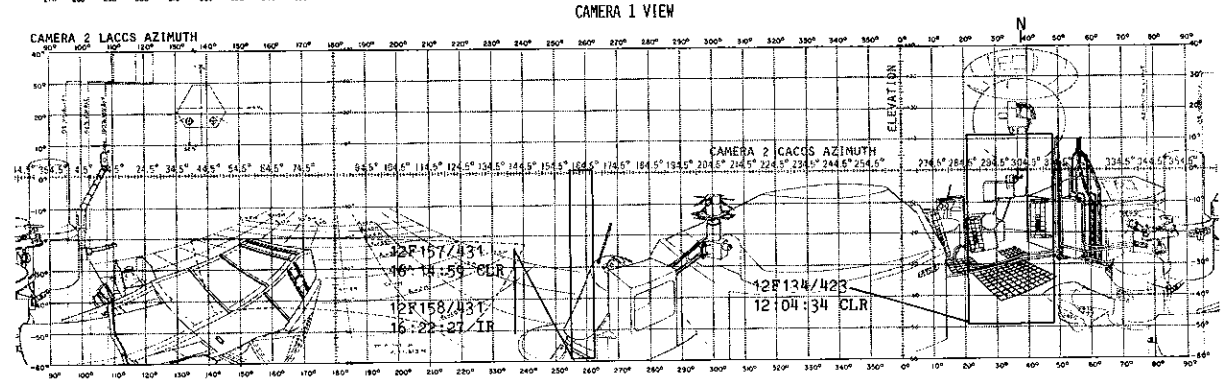
CAMERA 2 VIEW

SOL 409-431

11F108-12F159



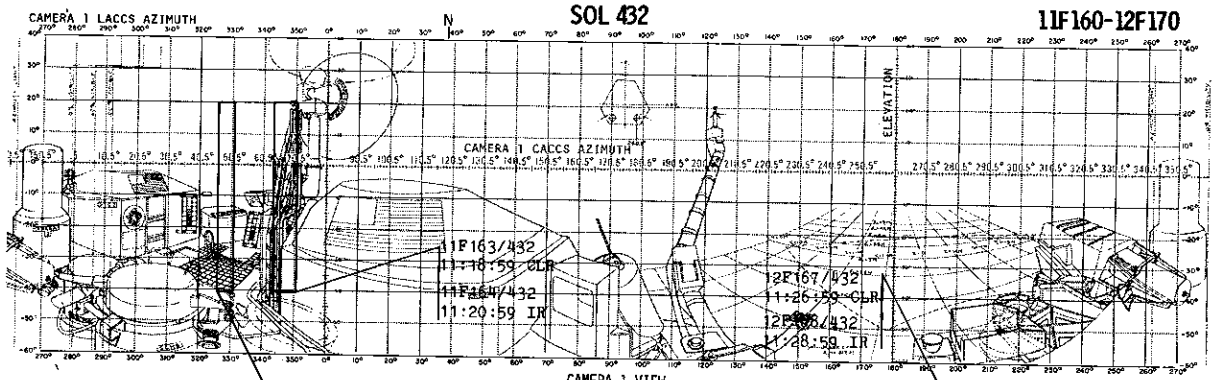
CAMERA 1 VIEW



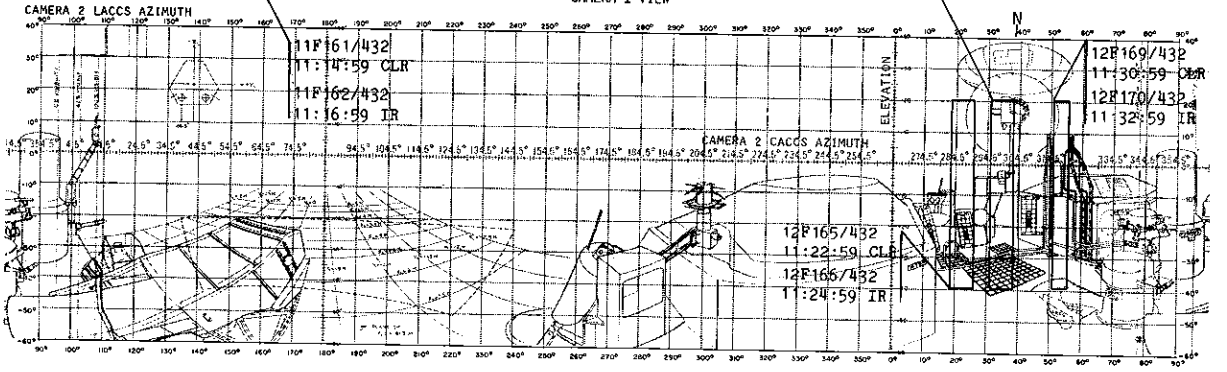
CAMERA 2 VIEW

SOL 432

11F160-12F170



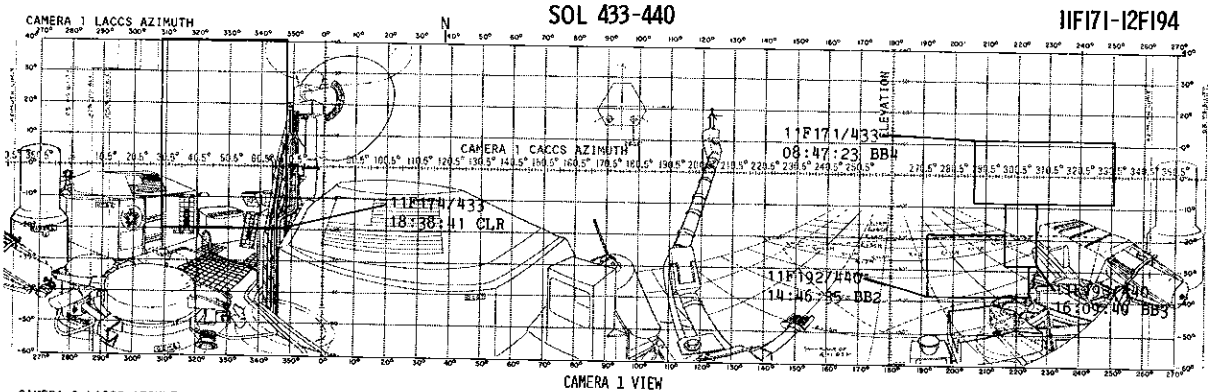
CAMERA 1 VIEW



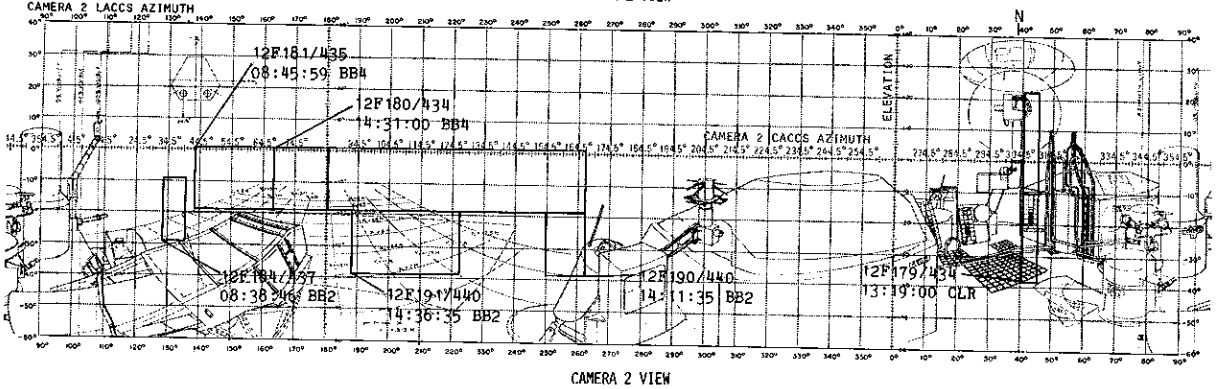
CAMERA 2 VIEW

SOL 433-440

11F171-12F194



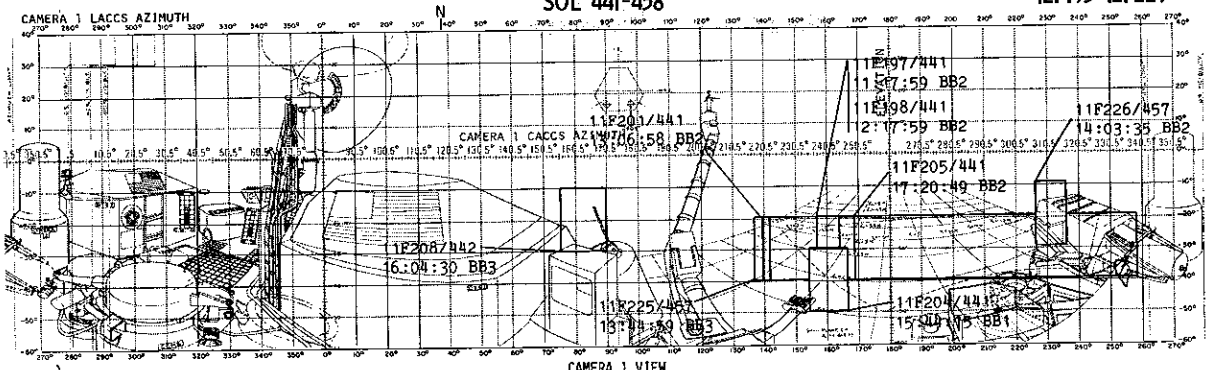
CAMERA 1 VIEW

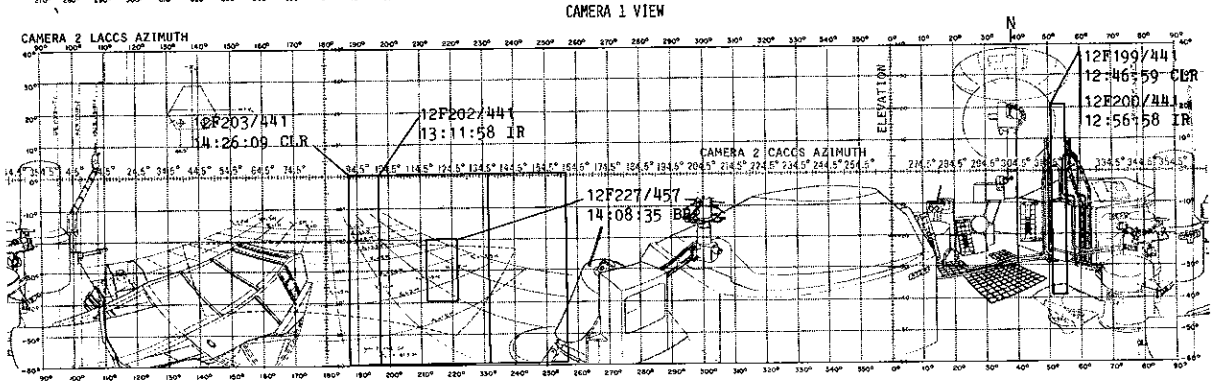


CAMERA 2 VIEW

SOL 441-458

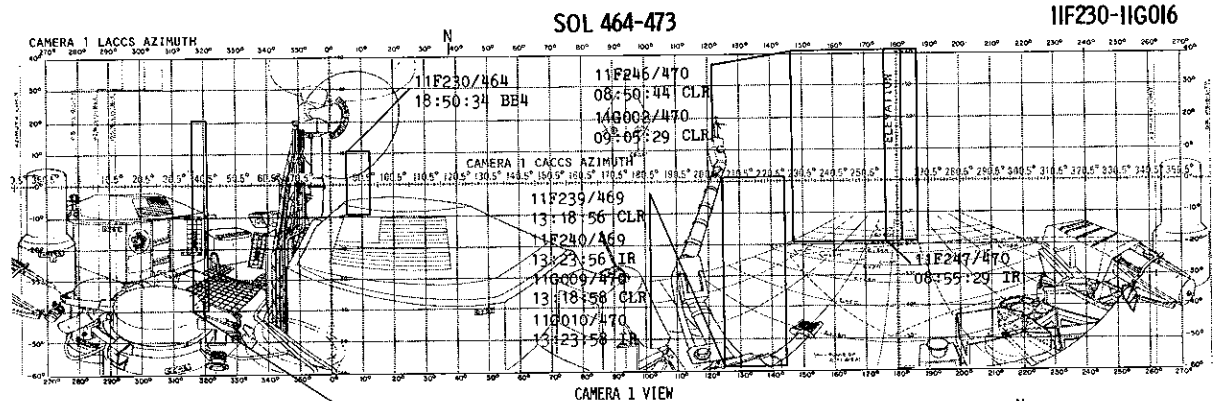
12F195-12F229

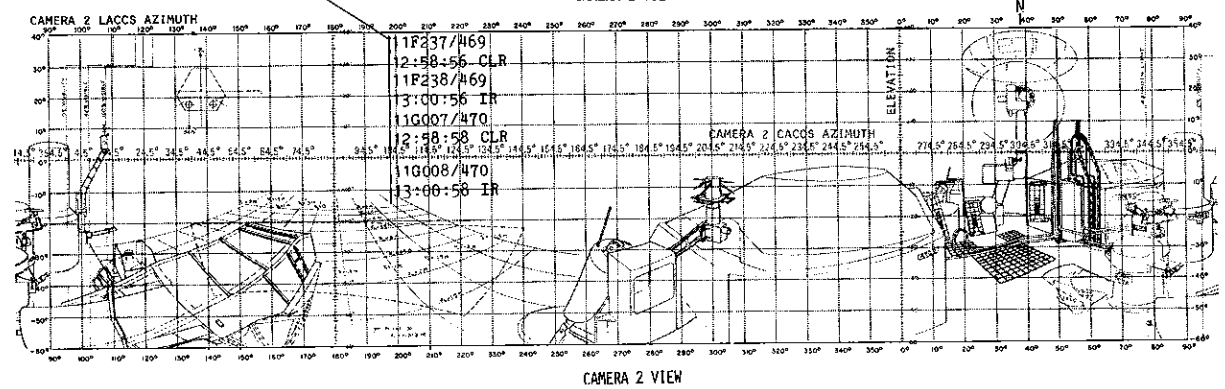




SOL 464-473

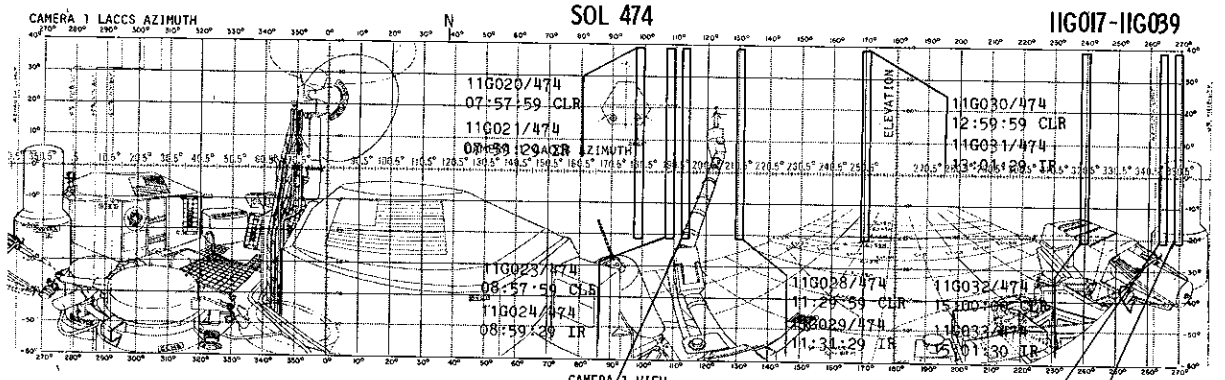
11F230-11G016



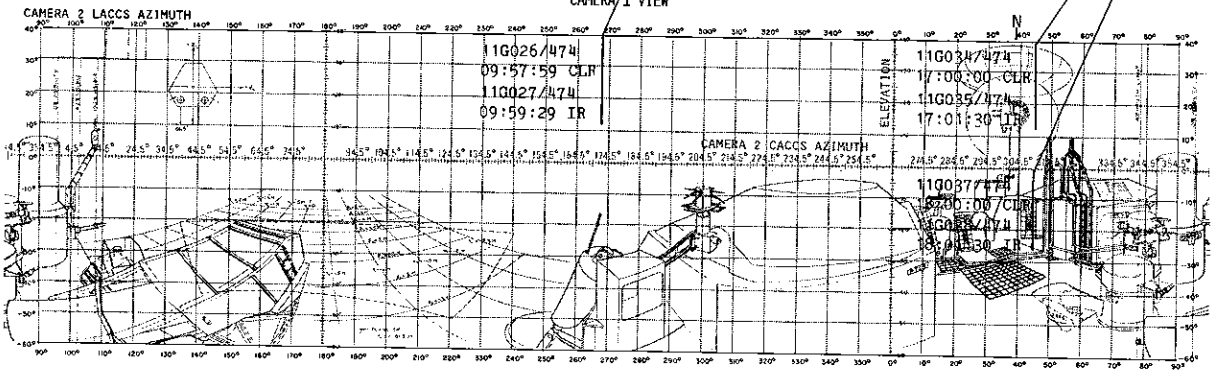


SOL 474

1IG017-1IG039



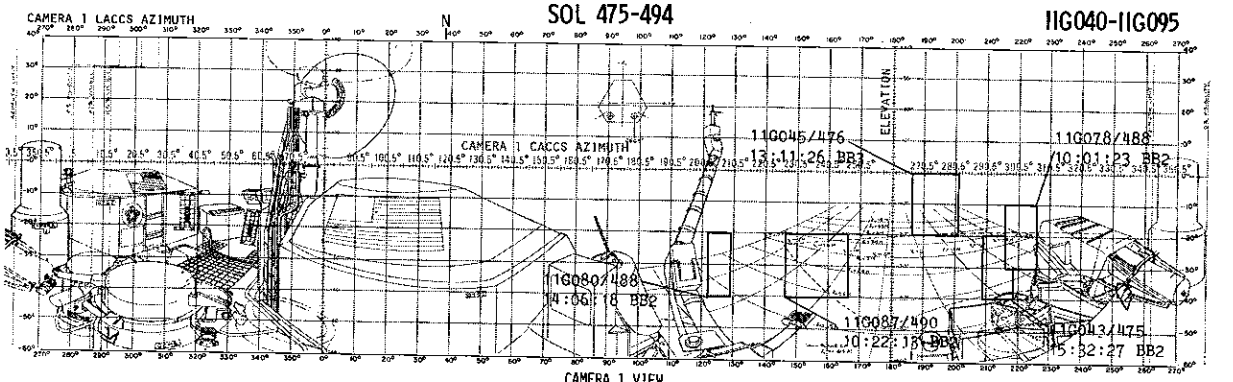
CAMERA 1 VIEW



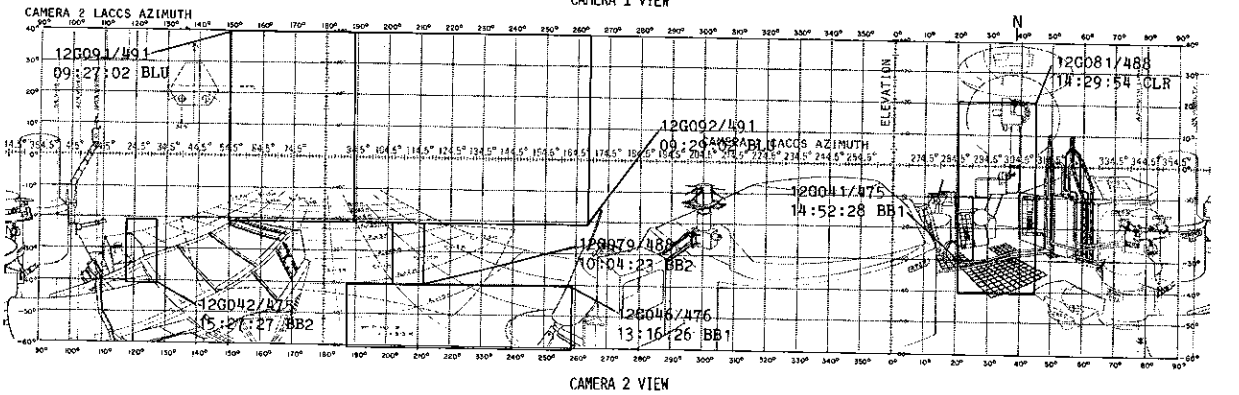
CAMERA 2 VIEW

SOL 475-494

1IG040-1IG095



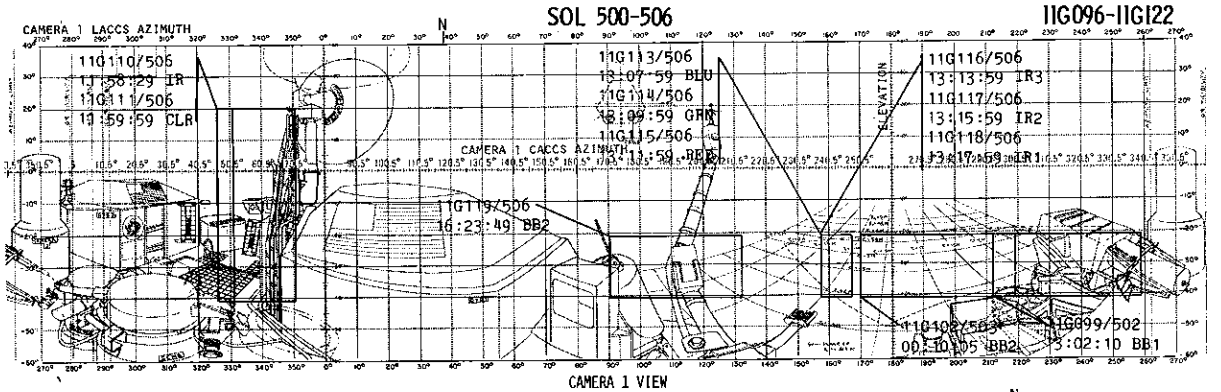
CAMERA 1 VIEW



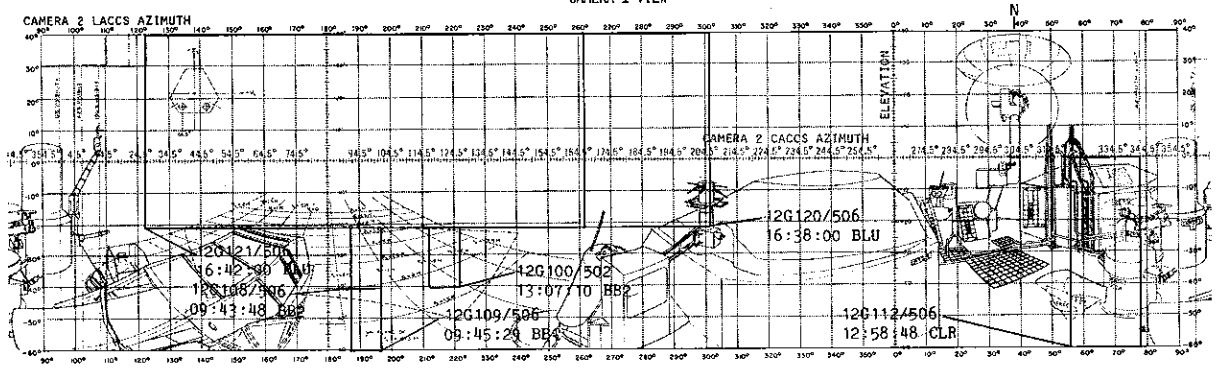
CAMERA 2 VIEW

SOL 500-506

11G096-11G122



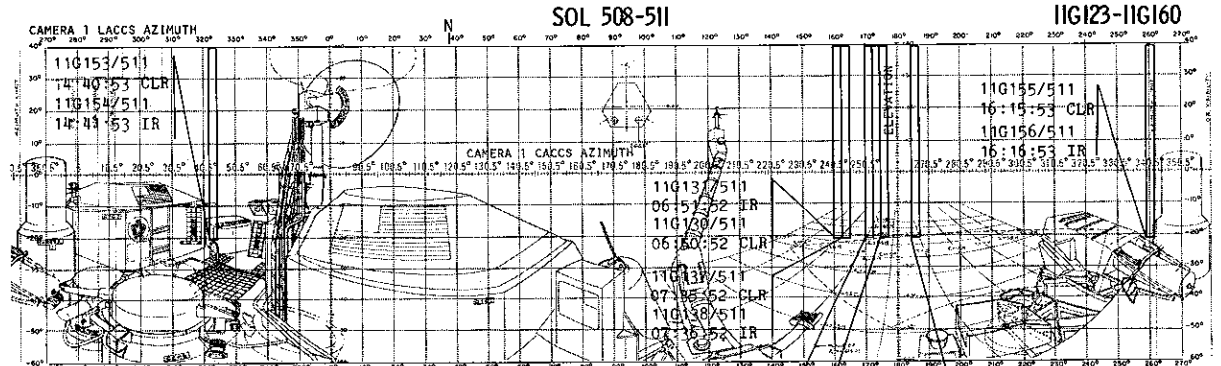
CAMERA 1 VIEW



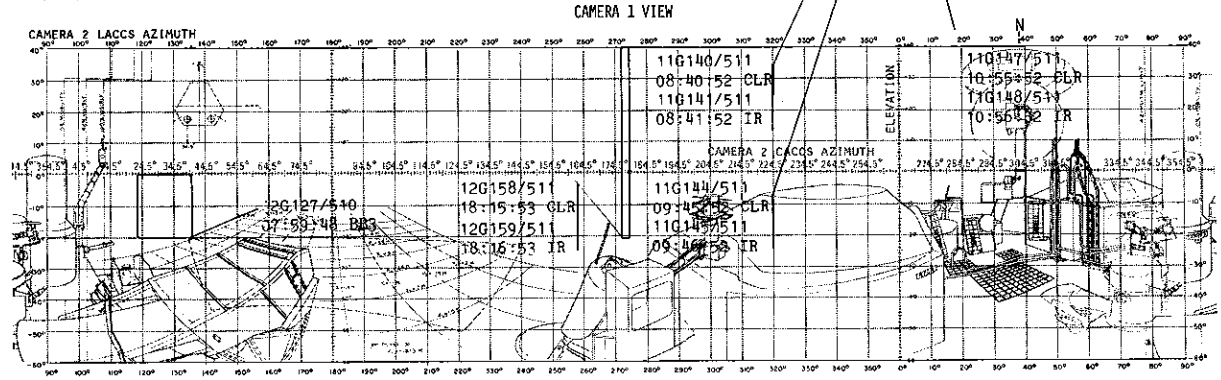
CAMERA 2 VIEW

SOL 508-511

11G123-11G160



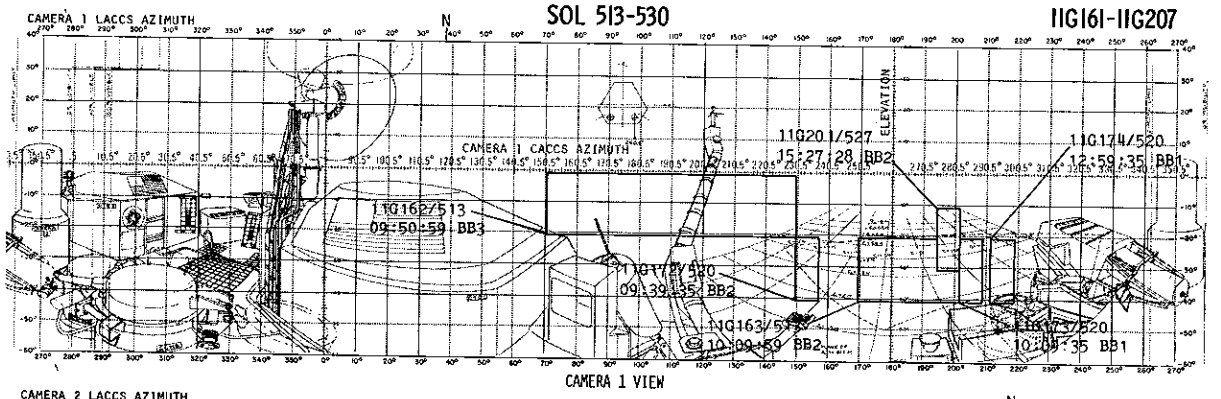
CAMERA 1 VIEW



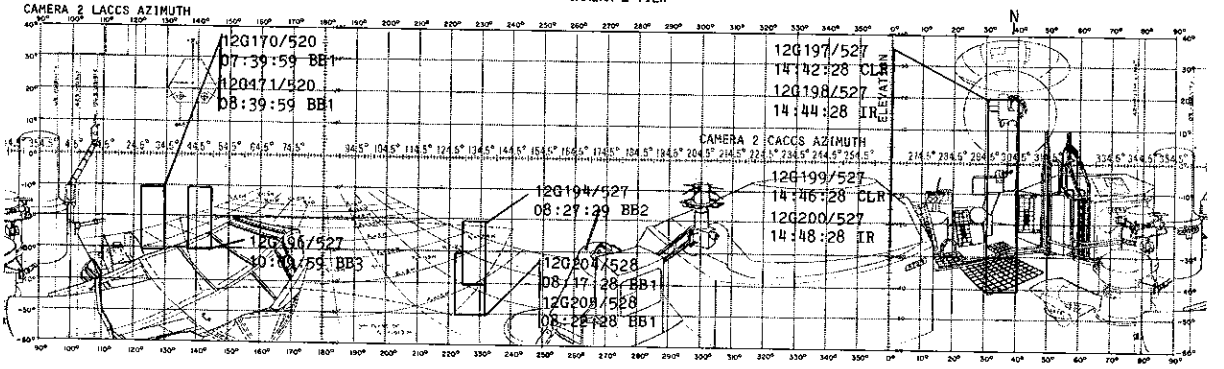
CAMERA 2 VIEW

SOL 513-530

IIG161-IIG207



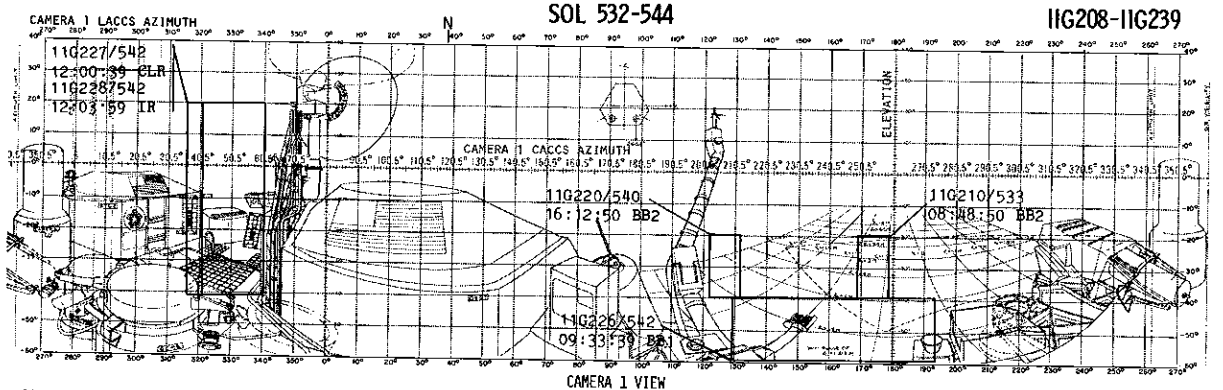
CAMERA 1 VIEW



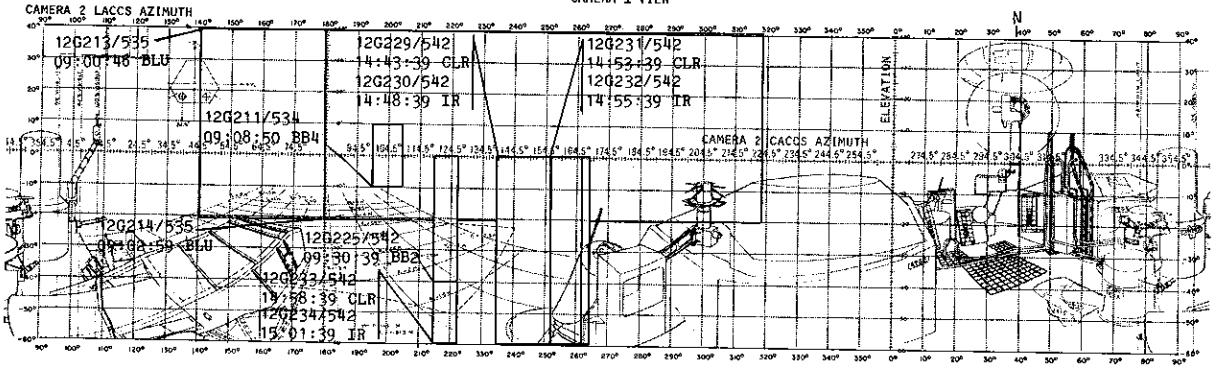
CAMERA 2 VIEW

SOL 532-544

IIG208-IIG239



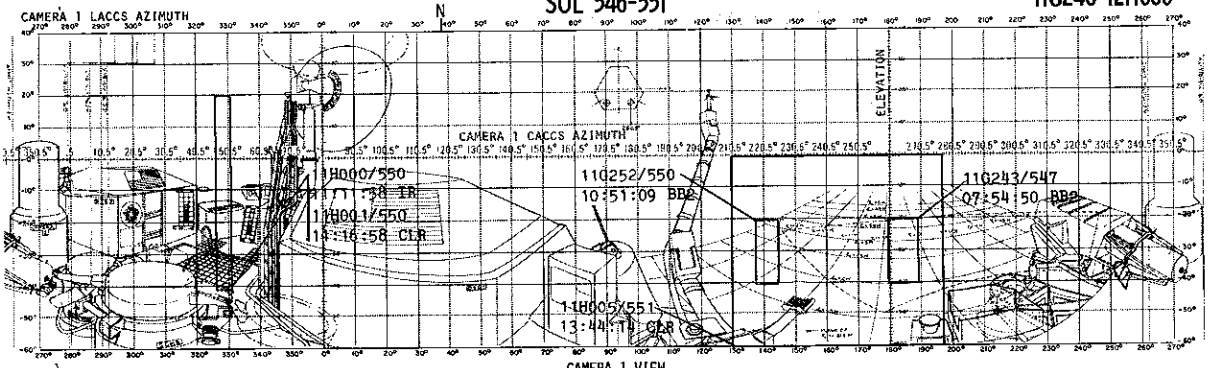
CAMERA 1 VIEW



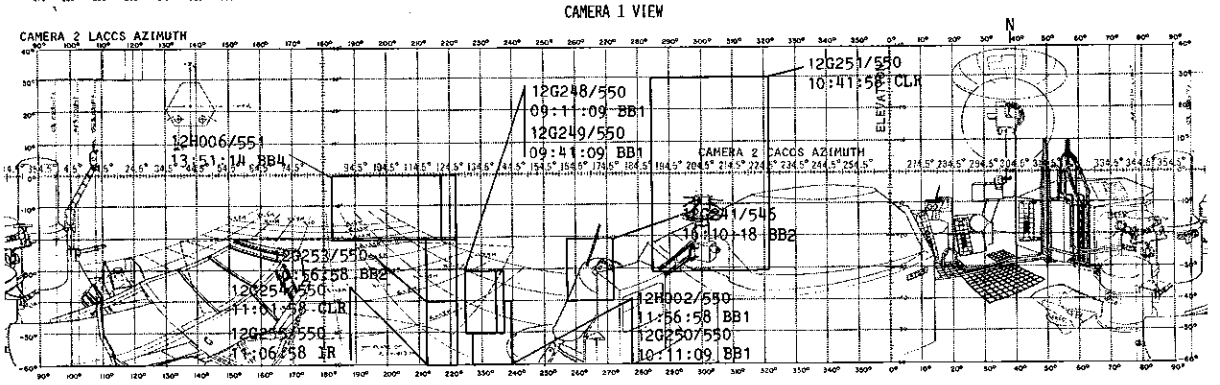
CAMERA 2 VIEW

SOL 546-551

11G240-12H006



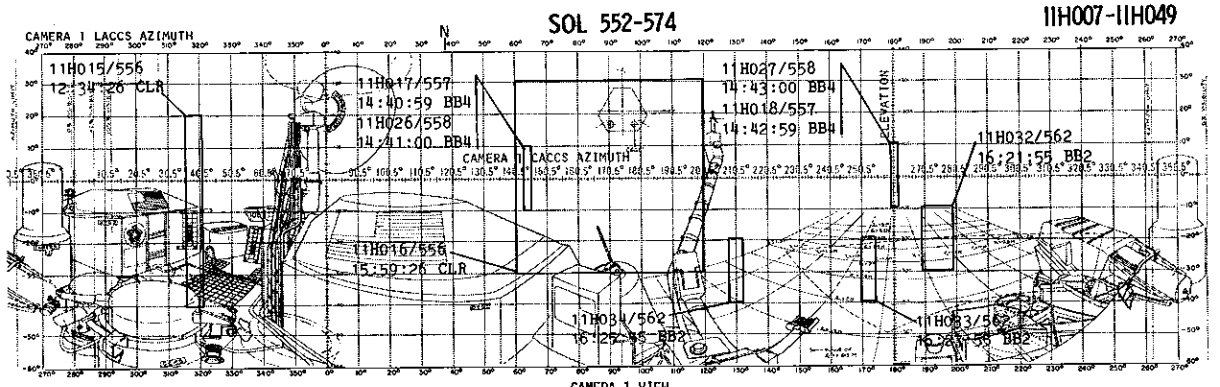
CAMERA 1 VIEW



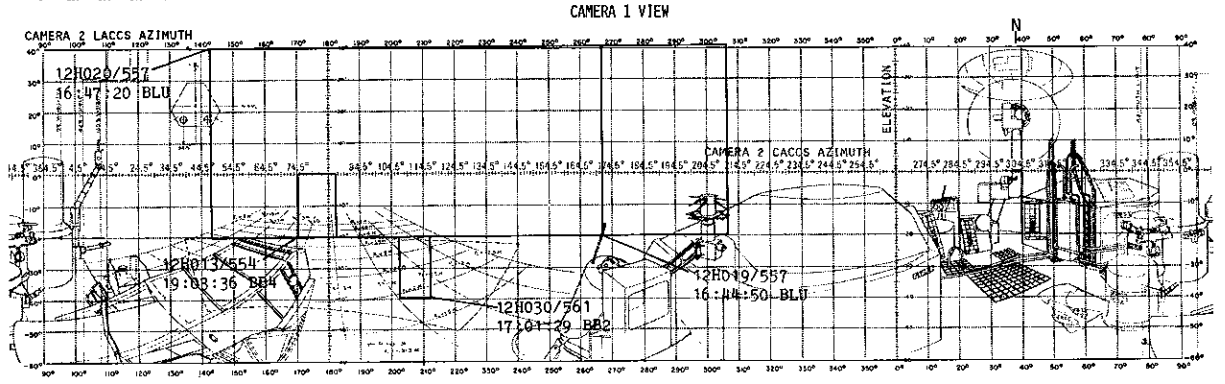
CAMERA 2 VIEW

SOL 552-574

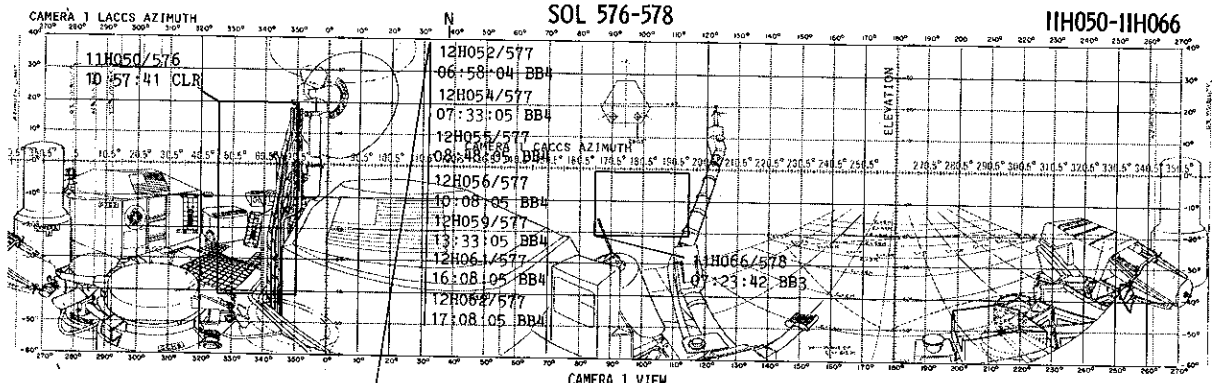
11H007-11H049

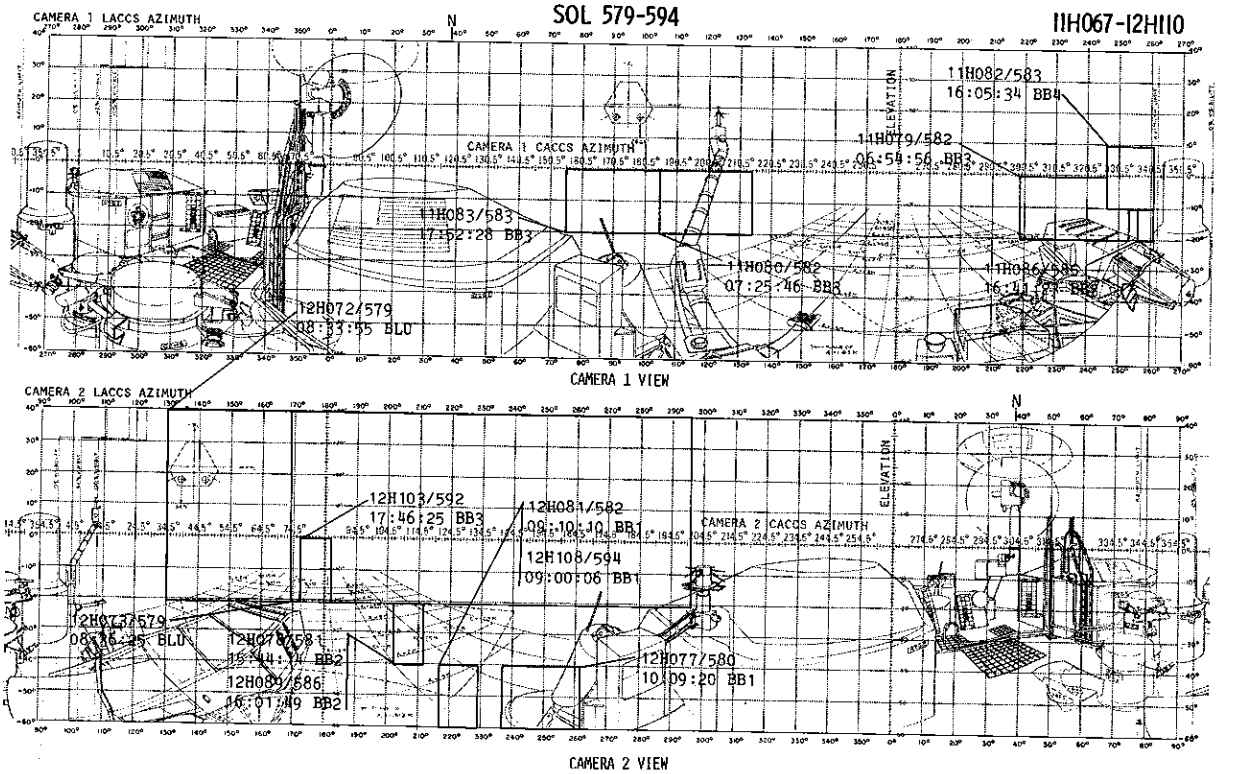


CAMERA 1 VIEW



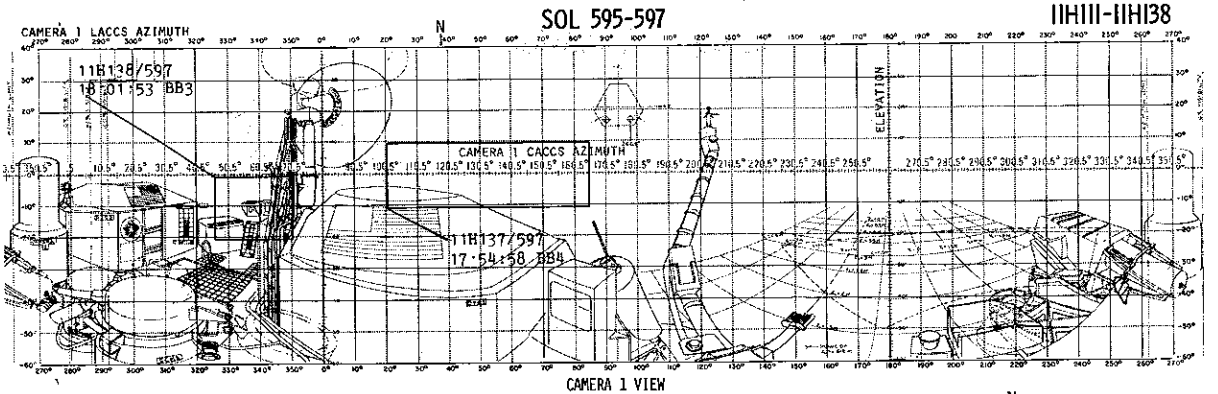
CAMERA 2 VIEW


SOL 576-578
11H050-11H066
CAMERA 1 LACCS AZIMUTH
N
11H050/576
10:57:41 CLR
12H052/577
06:58:04 BB4
12H054/577
07:33:05 BB4
12H055/577
08:48:05 BB4
12H056/577
10:08:05 BB4
12H059/577
13:33:05 BB4
12H061/577
16:08:05 BB4
12H062/577
17:08:05 BB4
11H066/578
07:23:42 BB3
CAMERA 1 CACCS AZIMUTH
ELEVATION
CAMERA 1 VIEW
CAMERA 2 LACCS AZIMUTH
N
12H064/577
18:38:05 BB4
12H065/577
19:03:05 BB4
12H057/577
11:08:05 BB4
12H058/577
12:18:05 BB4
12H060/577
14:48:05 BB4
12H054/576
15:58:35 CLR
CAMERA 2 CACCS AZIMUTH
ELEVATION
CAMERA 2 VIEW

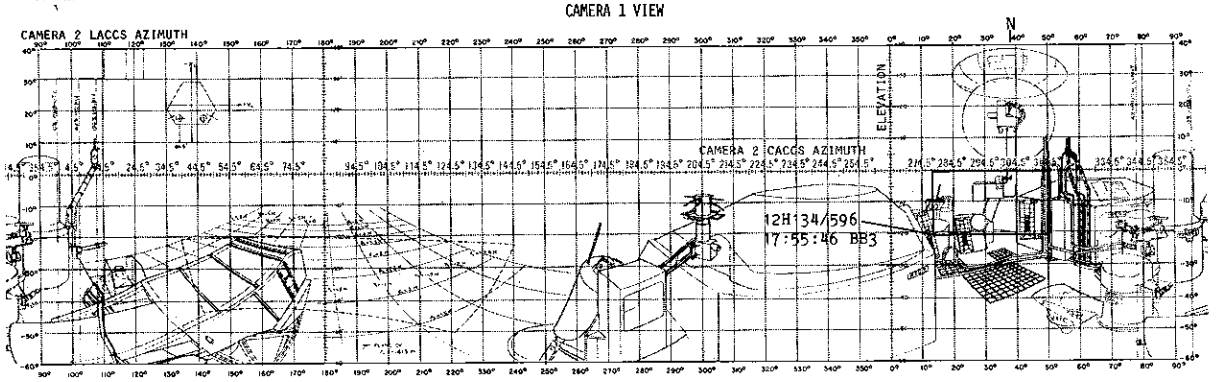

SOL 579-594
11H067-12H110
CAMERA 1 LACCS AZIMUTH
N
11H082/583
16:05:34 BB4
11H079/582
06:54:56 BB3
11H083/583
17:52:28 BB3
11H080/582
07:25:46 BB3
11H086/585
16:11:27 BB2
12H072/579
08:33:55 BLU
CAMERA 1 CACCS AZIMUTH
ELEVATION
CAMERA 1 VIEW
CAMERA 2 LACCS AZIMUTH
N
12H103/592
17:46:25 BB3
12H081/582
09:10:10 BB1
12H108/594
09:00:06 BB1
12H077/579
08:36:25 BLU
12H078/581
15:44:14 BB2
12H089/586
16:01:49 BB2
12H077/580
10:09:20 BB1
CAMERA 2 CACCS AZIMUTH
ELEVATION
CAMERA 2 VIEW

SOL 595-597

11H111-11H138



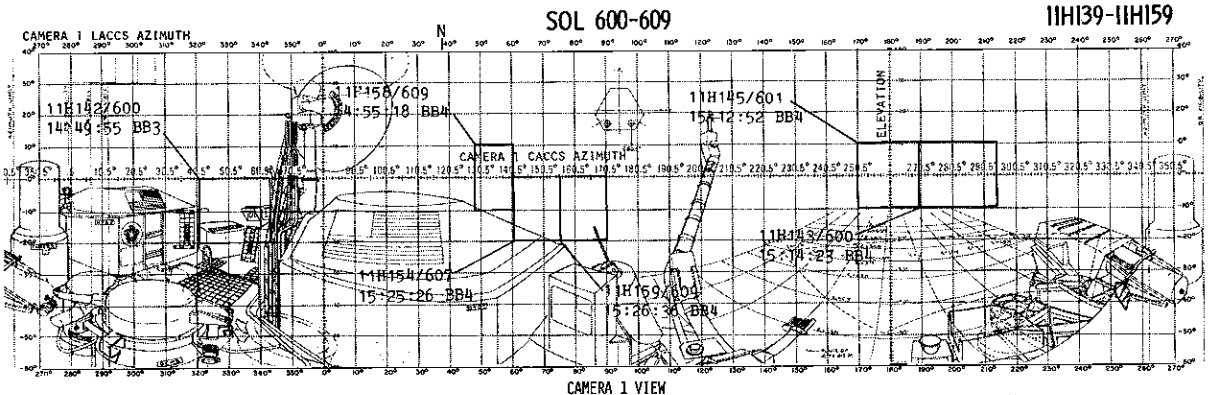
CAMERA 1 VIEW



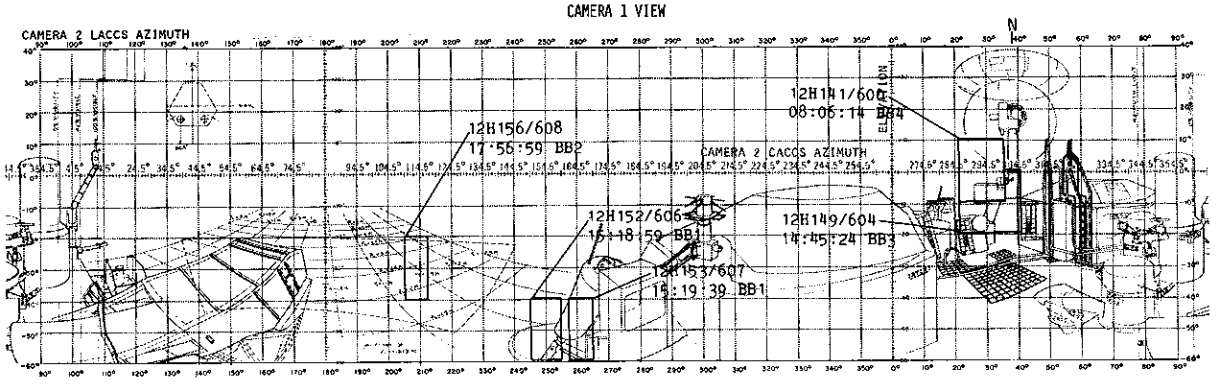
CAMERA 2 VIEW

SOL 600-609

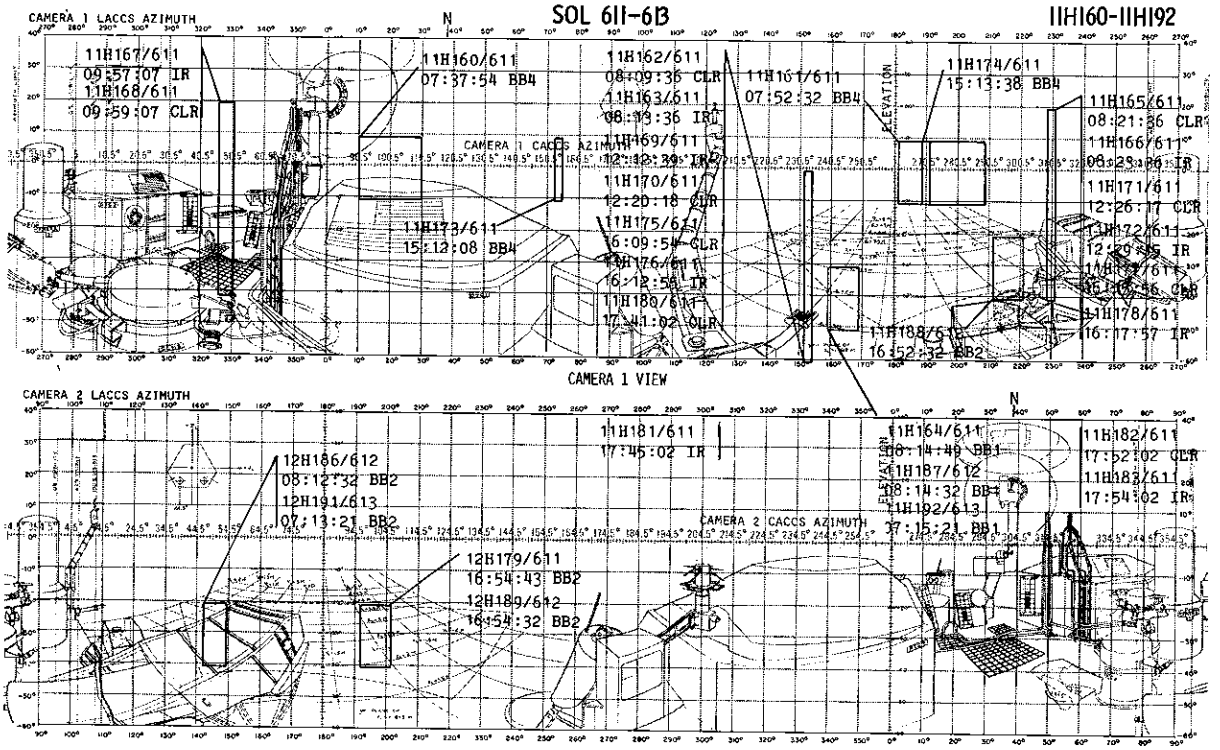
11H139-11H159

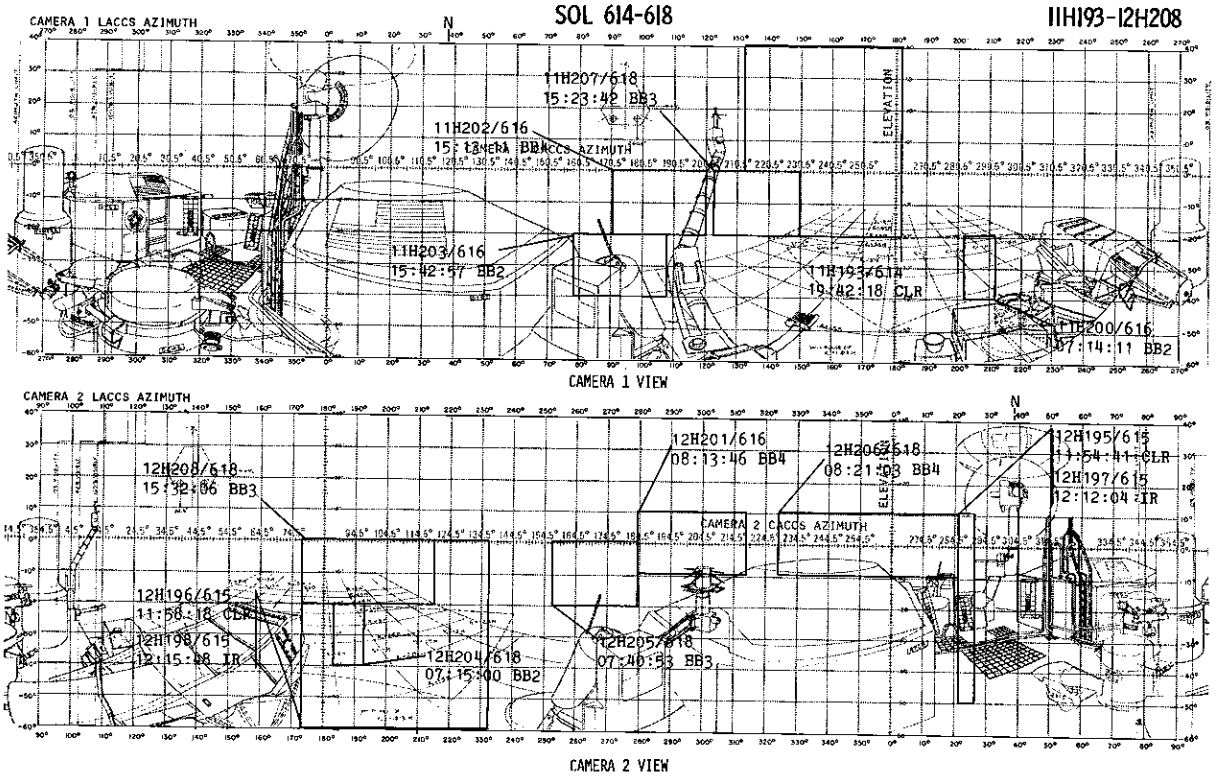


CAMERA 1 VIEW



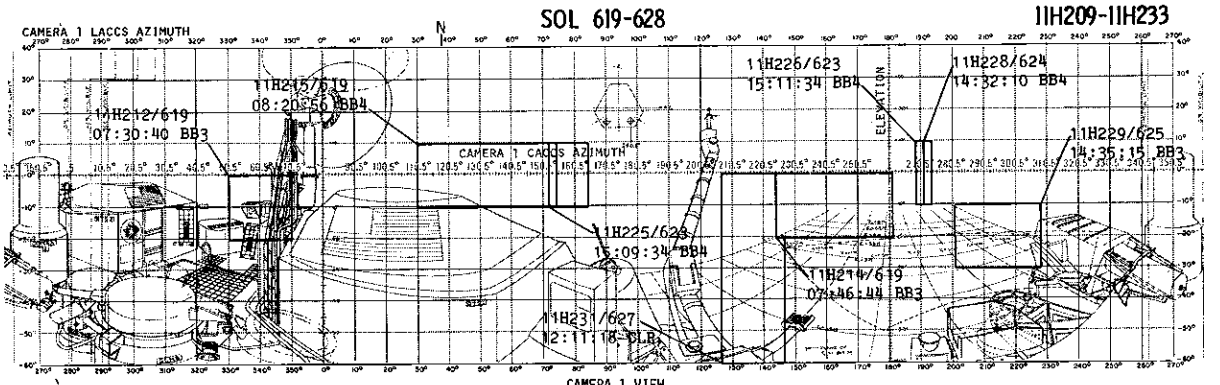
CAMERA 2 VIEW


SOL 611-613
11H160-11H192
CAMERA 1 LACCS AZIMUTH
CAMERA 1 CACCS AZIMUTH
ELEVATION
11H167/611
09:57:07 IR
11H168/611
09:59:07 CLR
11H160/611
07:37:54 BB4
11H162/611
08:09:36 CLR
11H163/611
08:13:36 IR
11H161/611
07:52:32 BB4
11H174/611
15:13:38 BB4
11H165/611
08:21:36 CLR
11H166/611
08:29:36 IR
11H169/611
12:32:39 IR
11H170/611
12:20:18 CLR
11H171/611
12:26:17 CLR
11H172/611
12:29:15 IR
11H173/611
15:12:08 BB4
11H175/611
16:09:54 CLR
11H176/611
16:12:56 IR
11H177/611
16:15:56 CLR
11H178/611
16:17:57 IR
11H180/611
17:41:02 CLR
11H188/611
16:52:32 BB2
CAMERA 1 VIEW
CAMERA 2 LACCS AZIMUTH
CAMERA 2 CACCS AZIMUTH
11H181/611
17:45:02 IR
11H164/611
08:14:49 BB1
11H182/611
17:52:02 CLR
11H187/612
08:14:32 BB4
11H183/611
17:54:02 IR
11H192/613
17:15:21 BB1
12H186/612
08:12:32 BB2
12H191/613
07:13:21 BB2
12H179/611
16:54:43 BB2
12H189/612
16:54:32 BB2
CAMERA 2 VIEW

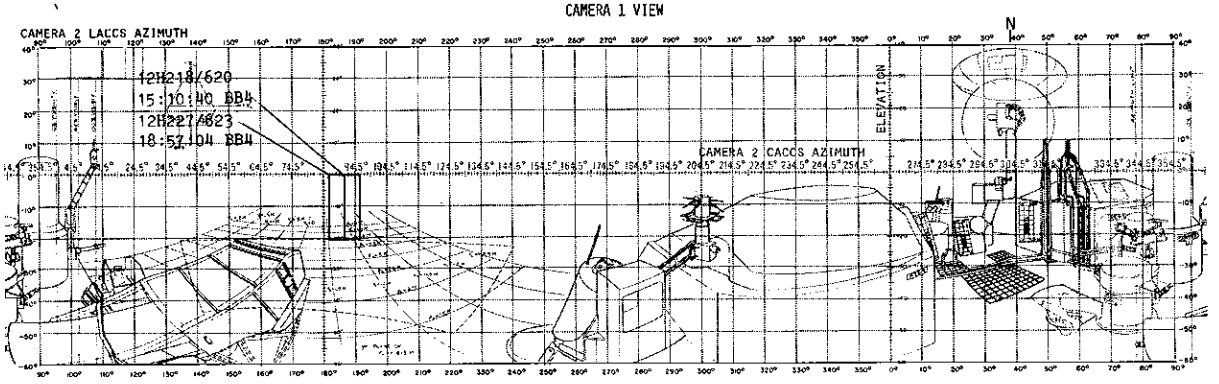

SOL 614-618
11H193-12H208
CAMERA 1 LACCS AZIMUTH
CAMERA 1 CACCS AZIMUTH
ELEVATION
11H207/618
15:23:42 BB3
11H202/616
15:13:41 BB2
11H203/616
15:42:57 BB2
11H193/611
19:42:18 CLR
11H200/616
07:14:11 BB2
CAMERA 1 VIEW
CAMERA 2 LACCS AZIMUTH
CAMERA 2 CACCS AZIMUTH
12H201/616
08:13:46 BB4
12H206/618
08:21:03 BB4
12H195/615
11:54:41 CLR
12H197/615
12:12:04 IR
12H208/618
15:32:06 BB3
12H196/615
11:56:18 CLR
12H198/615
12:15:08 IR
12H204/618
07:15:00 BB2
12H205/618
07:40:53 BB3
CAMERA 2 VIEW

SOL 619-628

1IH209-1IH233



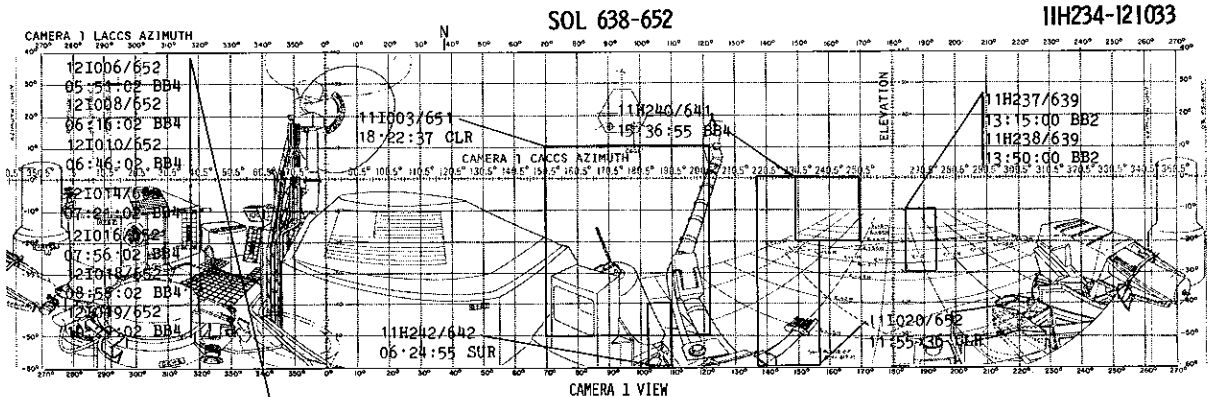
CAMERA 1 VIEW



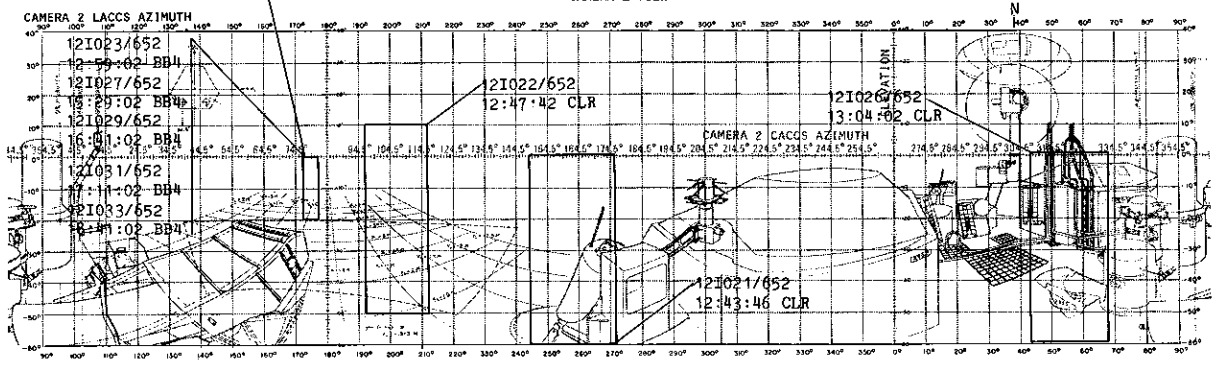
CAMERA 2 VIEW

SOL 638-652

1IH234-121033



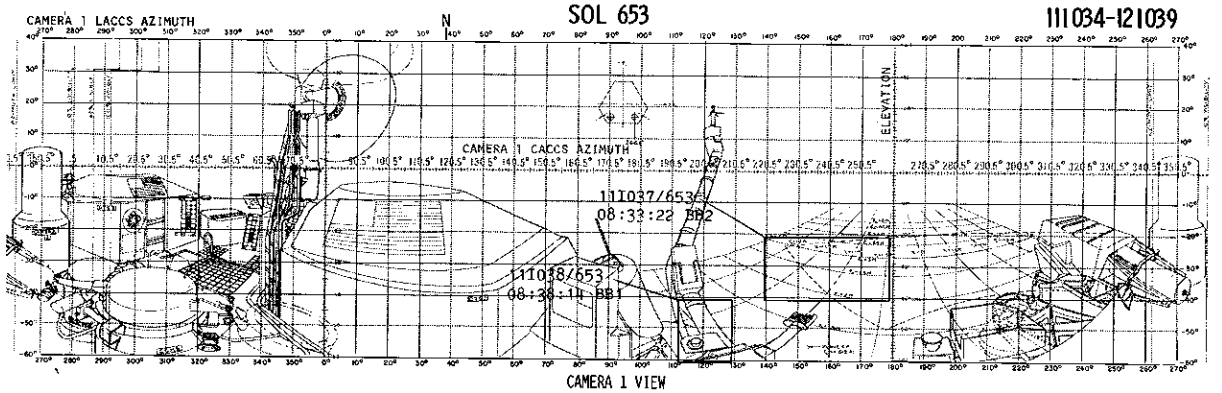
CAMERA 1 VIEW



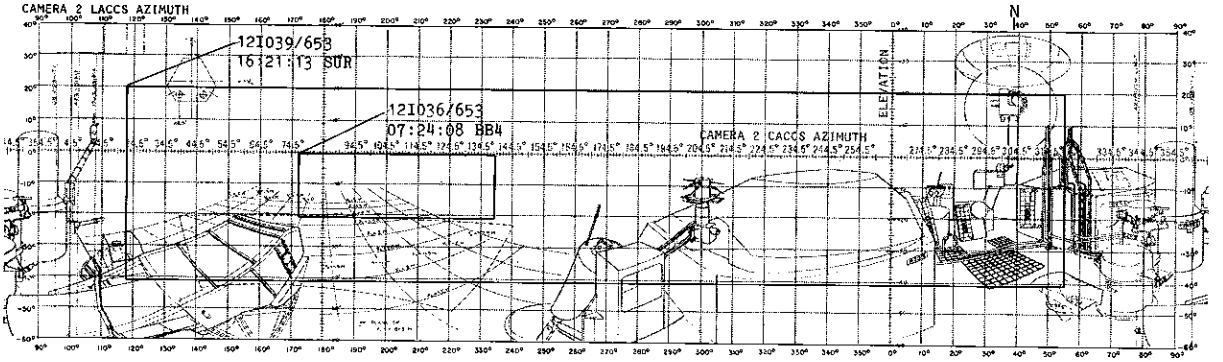
CAMERA 2 VIEW

SOL 653

1I1034-121039



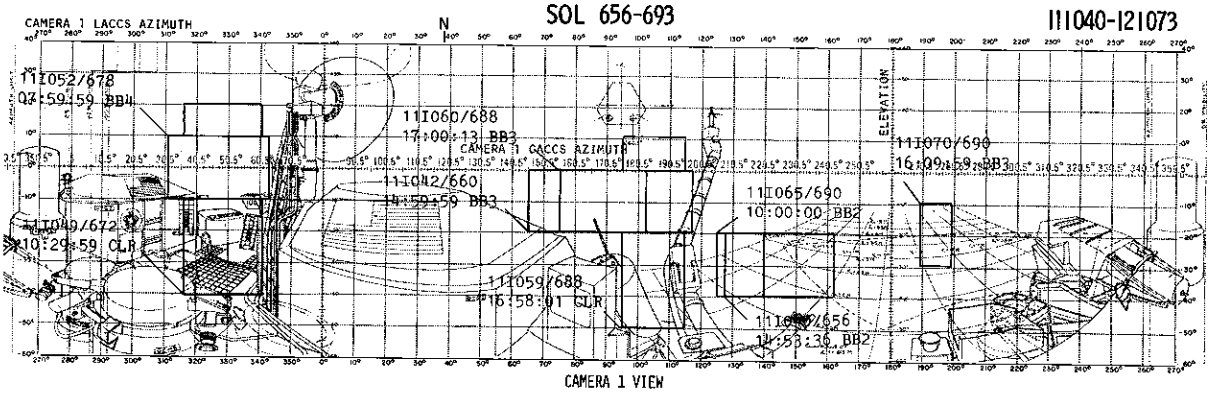
CAMERA 1 VIEW



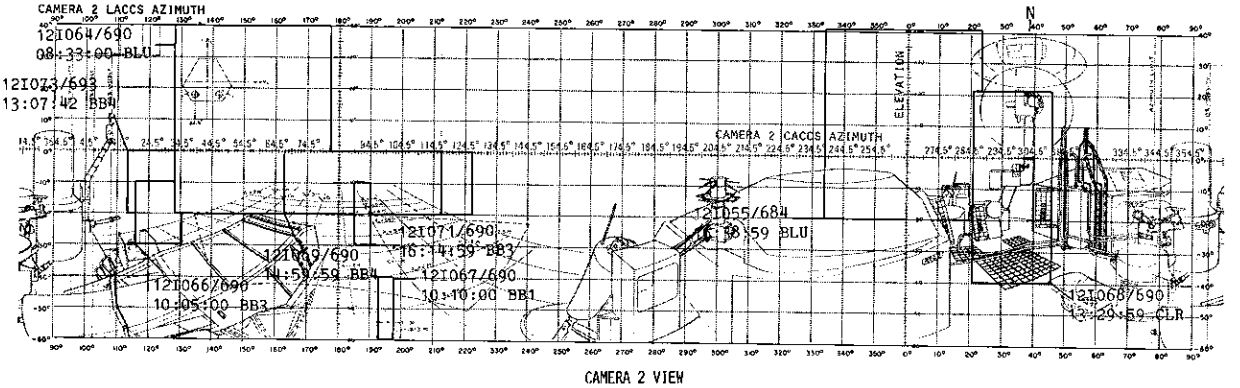
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SOL 656-693

1I1040-121073



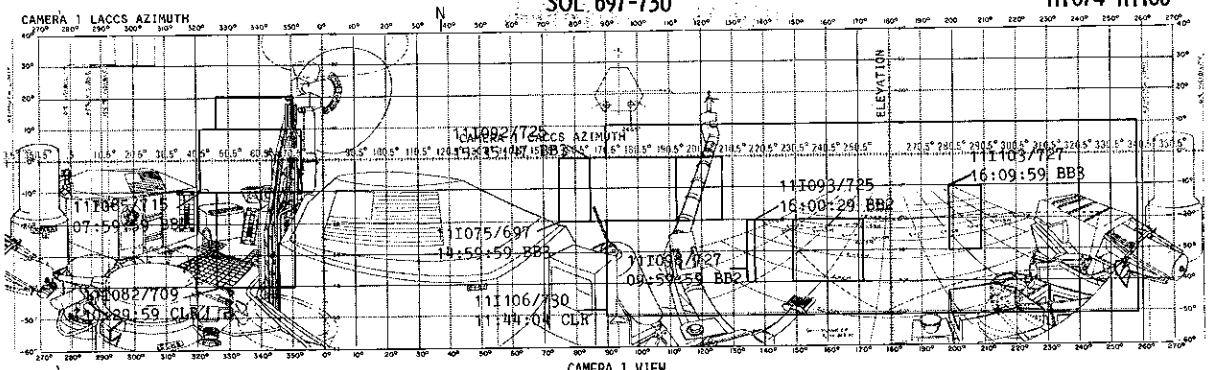
CAMERA 1 VIEW



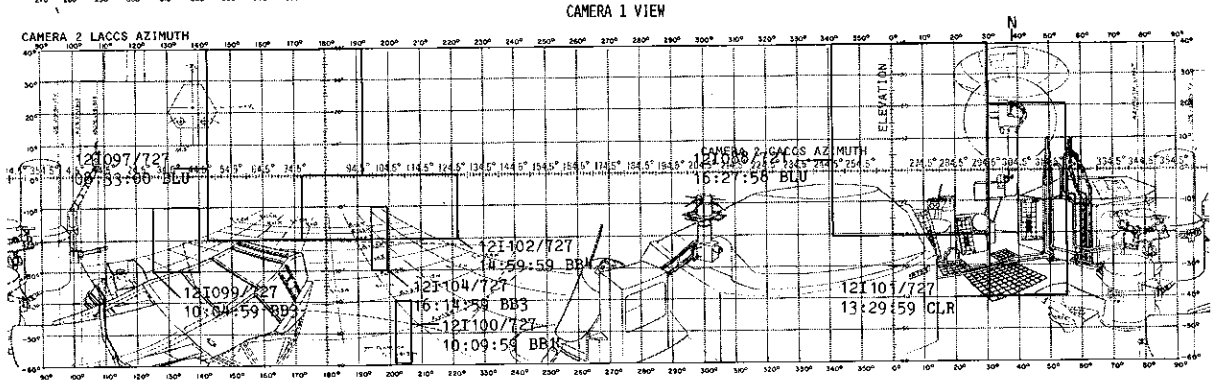
CAMERA 2 VIEW

SOL 697-730

111074-111106



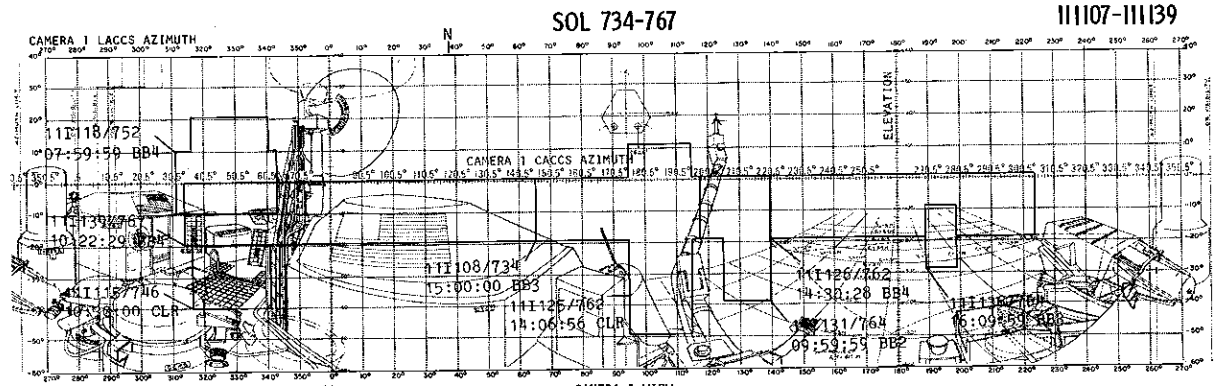
CAMERA 1 VIEW



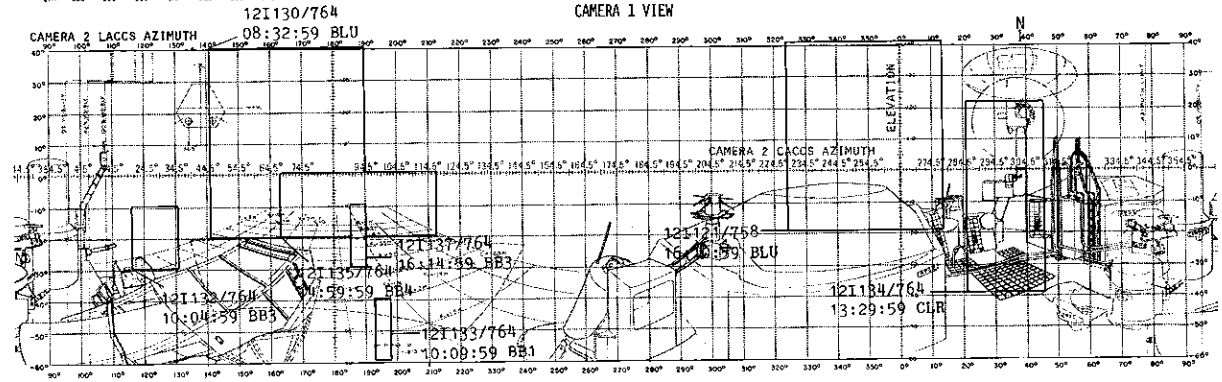
CAMERA 2 VIEW

SOL 734-767

111107-111139



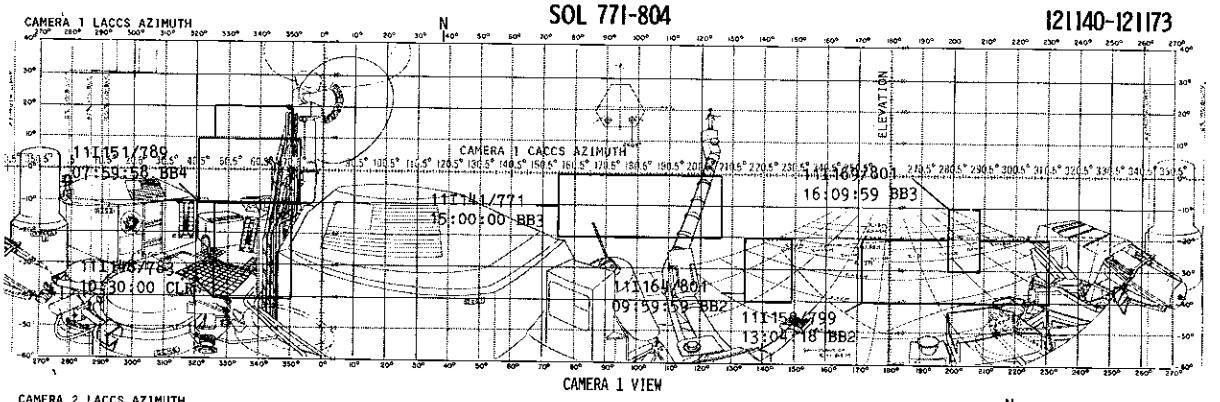
CAMERA 1 VIEW



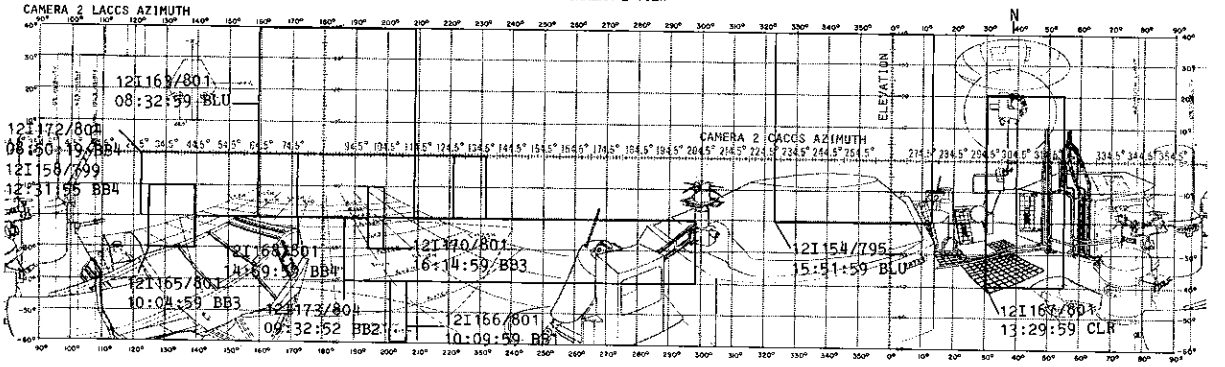
CAMERA 2 VIEW

SOL 771-804

121140-121173



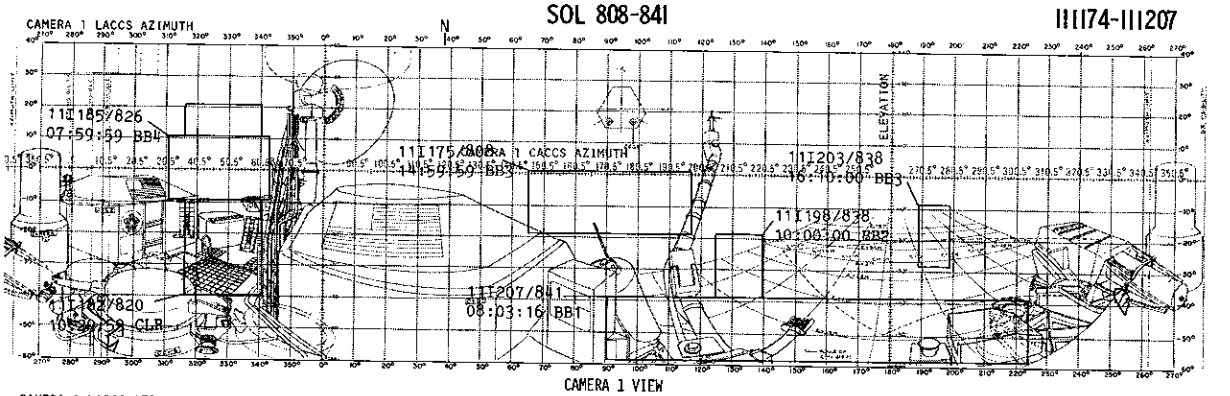
CAMERA 1 VIEW



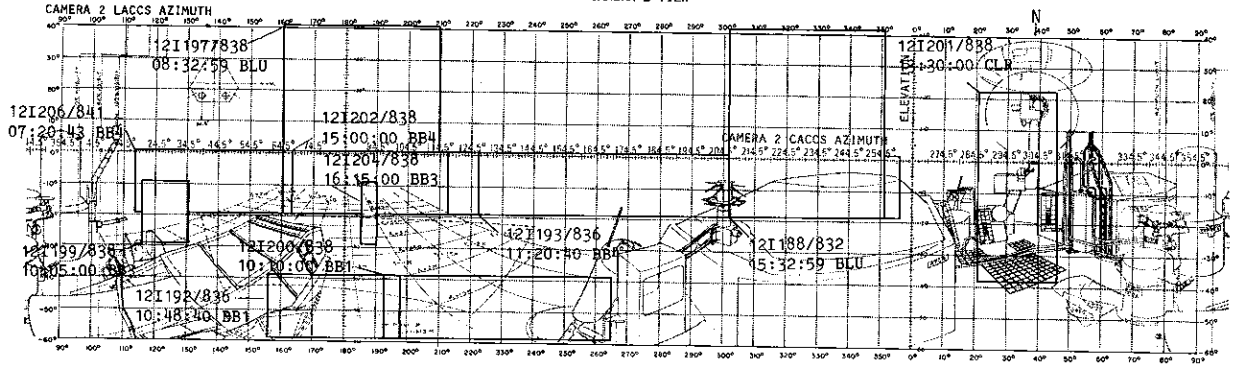
CAMERA 2 VIEW

SOL 808-841

111174-111207



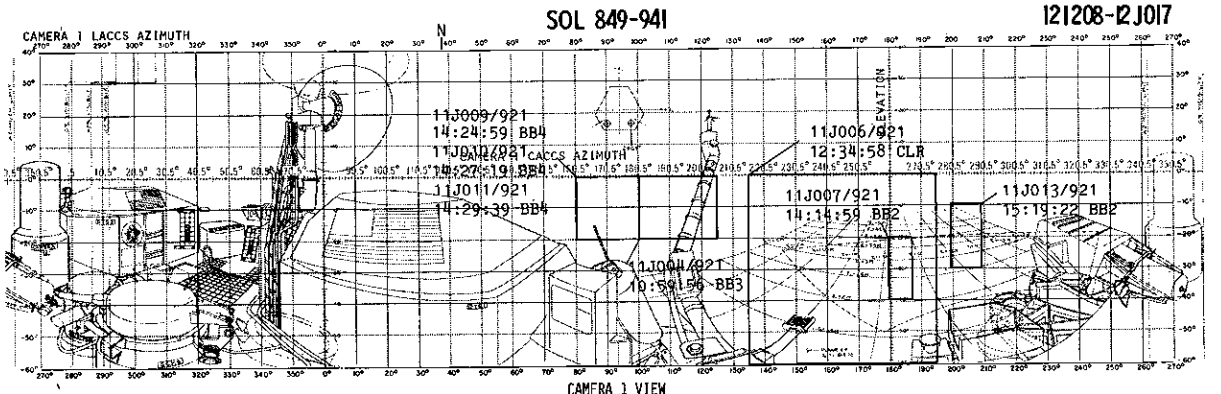
CAMERA 1 VIEW



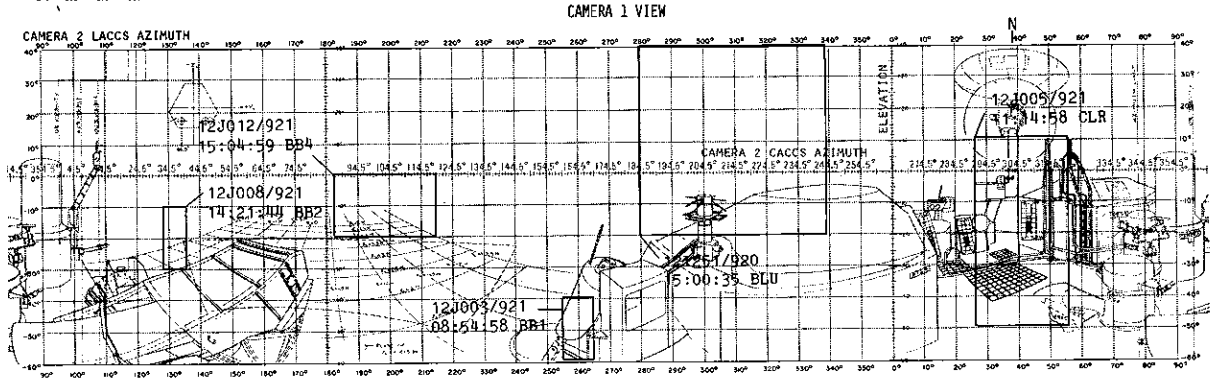
CAMERA 2 VIEW

SOL 849-941

121208-12J017



CAMERA 1 VIEW



CAMERA 2 VIEW

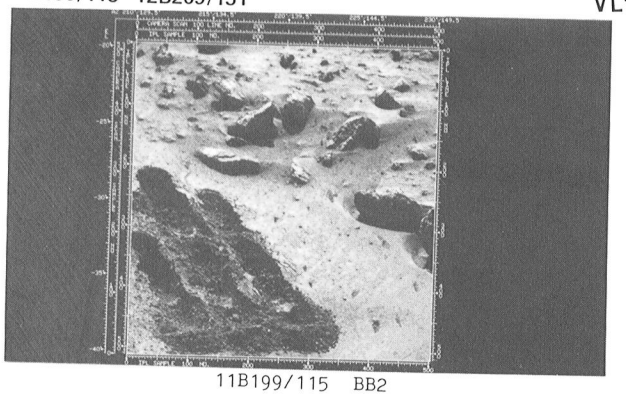
EDR IMAGES

VL-1 EXPERIMENT DATA RECORD IMAGES

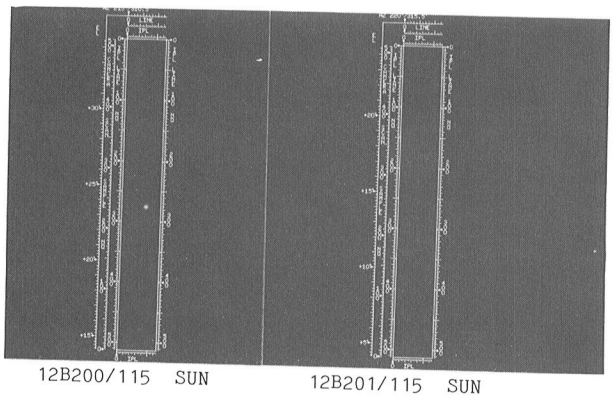
The EDR image displays present the images in the order in which they were acquired by the lander. Each page contains eight display windows. These windows may include two or three EDR images; where segments of two successive camera events are small enough to be positioned as pairs in a window, this is done. The first and last camera events (or partial camera events) appearing on a page are indicated at the top of the page.

The photographic quality of the original EDR images is significantly reduced because of the limitations of space. The need to reproduce several images on each page also reduces the opportunity to maximize the reproduction quality. Nevertheless, these illustrations should serve as an invaluable tool for quickly locating certain photoproducts needed for specific purposes.

VL-I



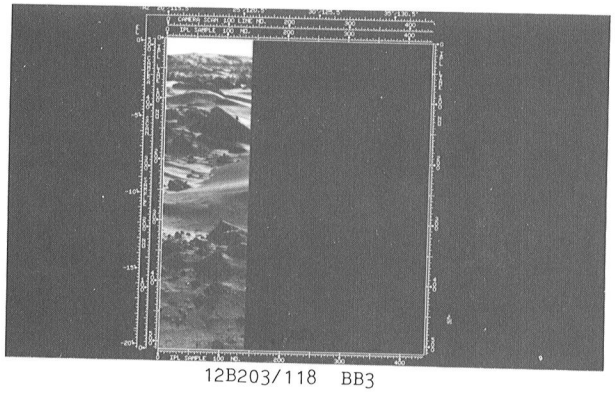
11B199/115 BB2



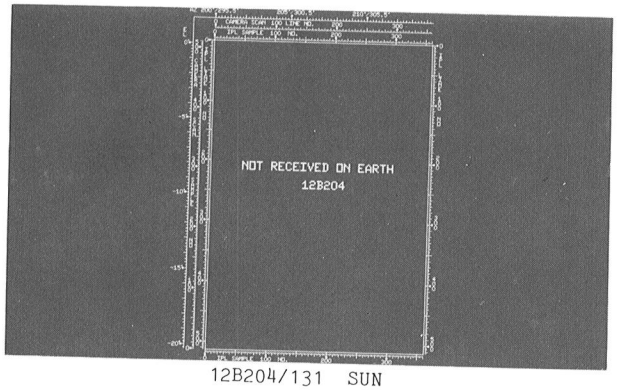
12B200/115 SUN 12B201/115 SUN



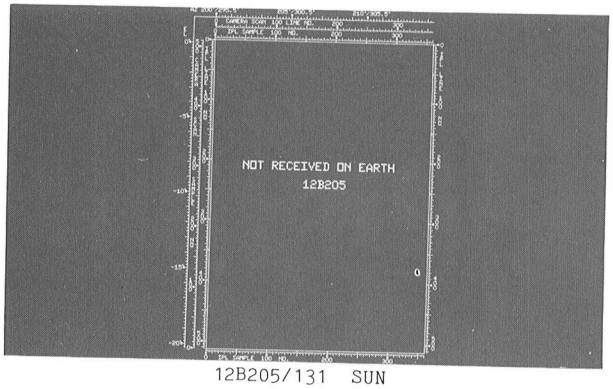
11B202/117 BB3



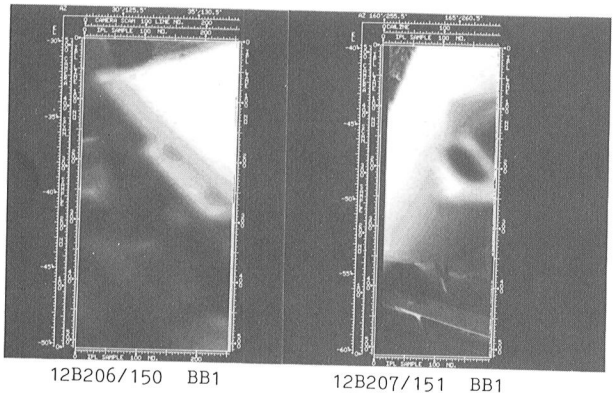
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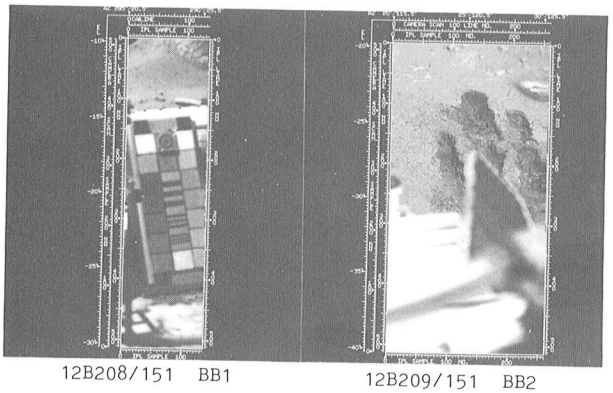
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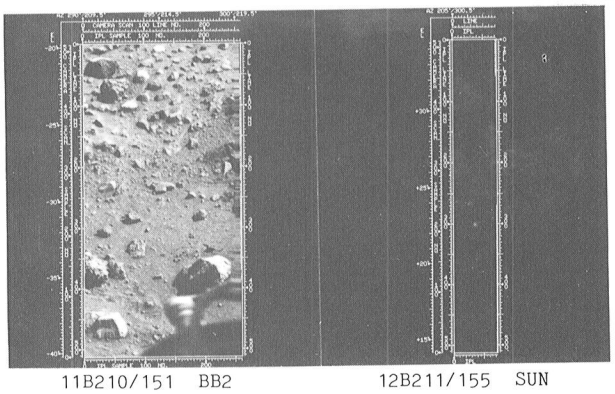
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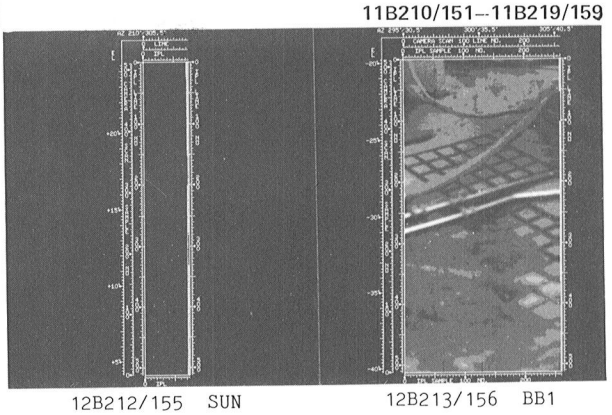
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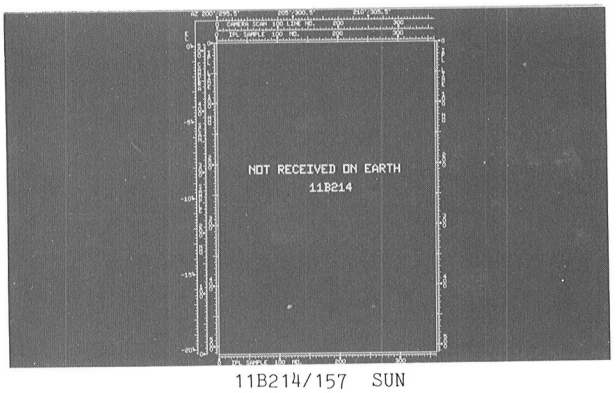
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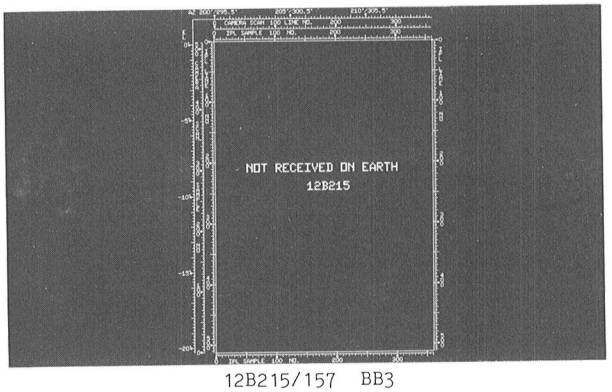
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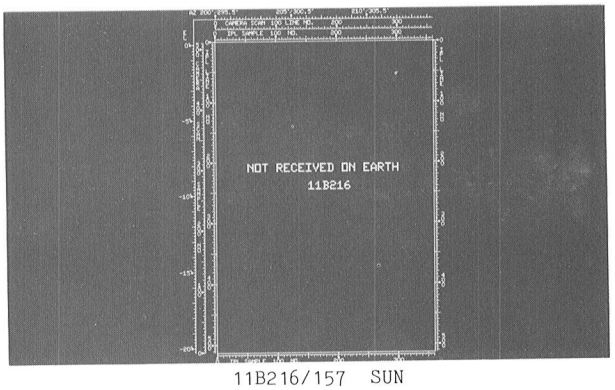
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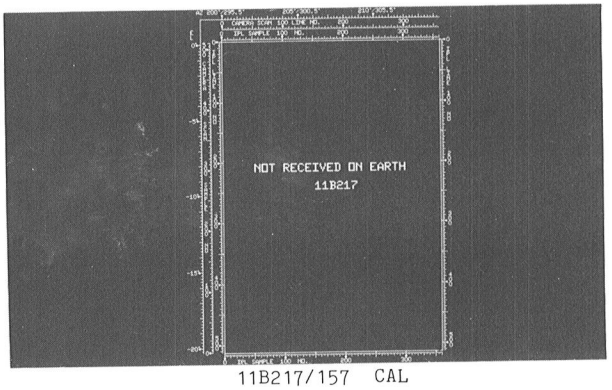
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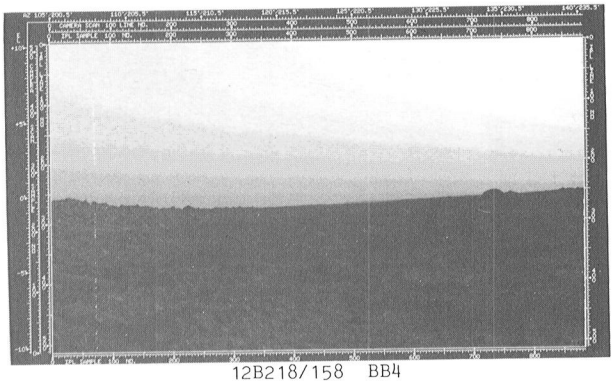
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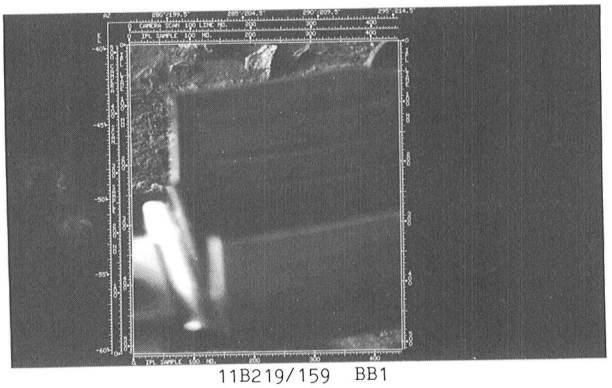
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11B217/157 CAL

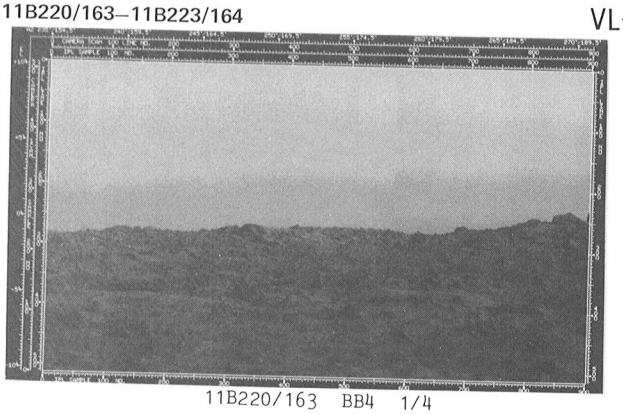


12B218/158 BB4

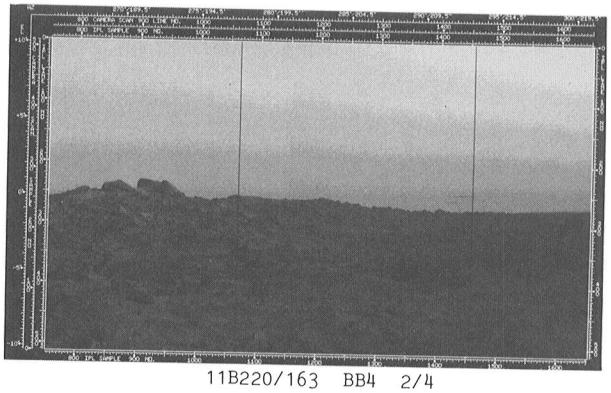


11B219/159 BB1

VL-I



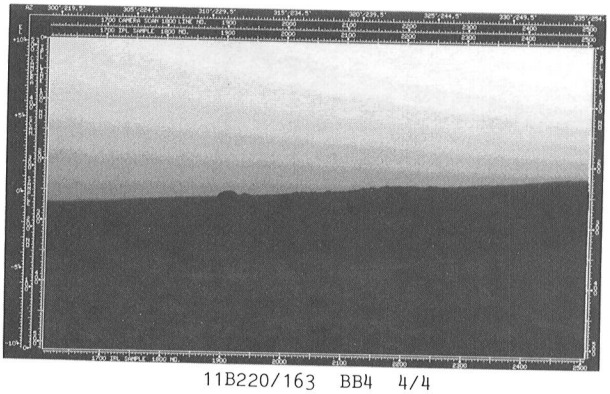
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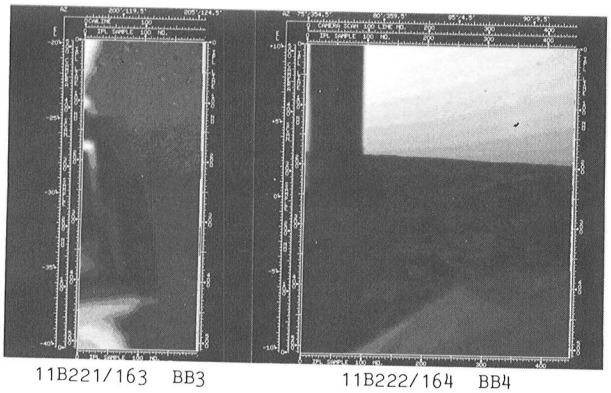
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11B220/163 BB4 3/4



11B220/163 BB4 4/4



11B221/163 BB3

11B222/164 BB4



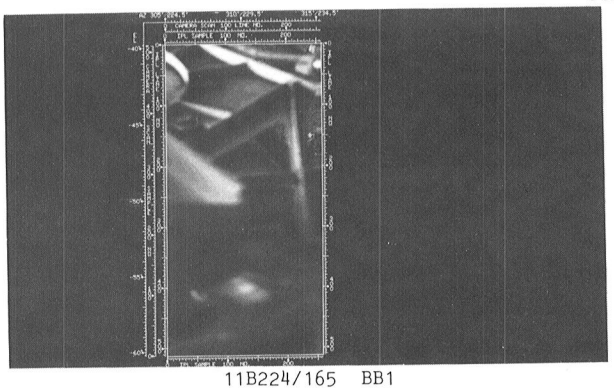
11B223/164 BB4 1/3



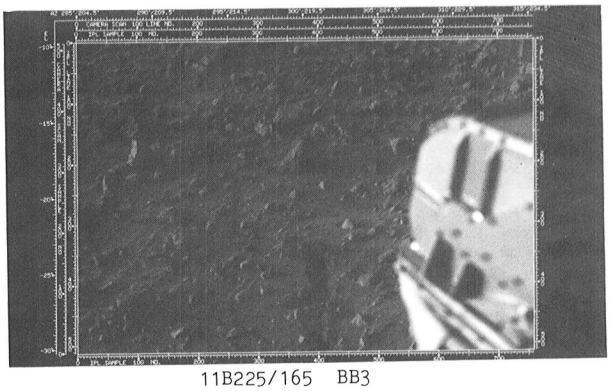
11B223/164 BB4 2/3



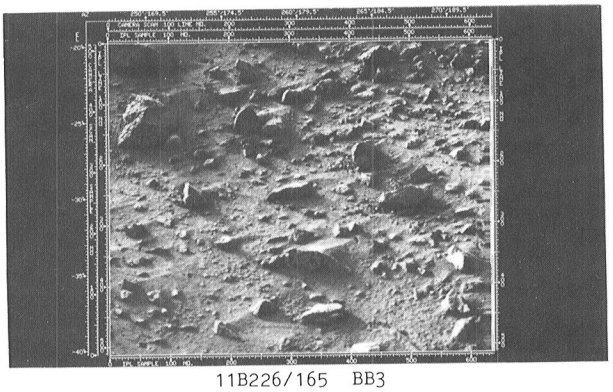
11B223/164 BB4 3/3



11B224/165 BB1



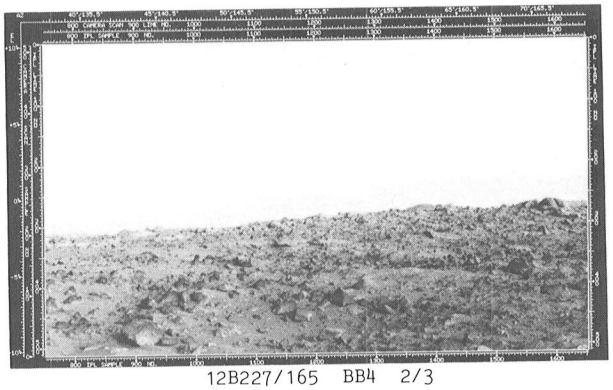
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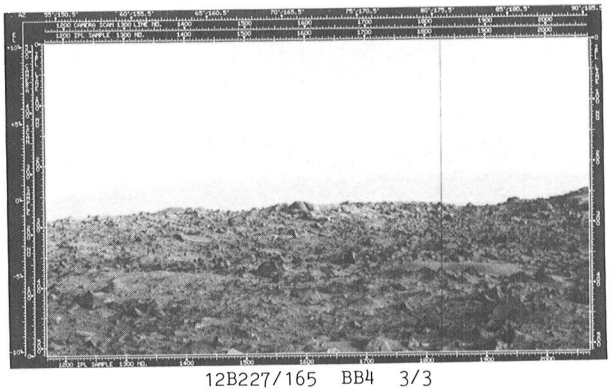
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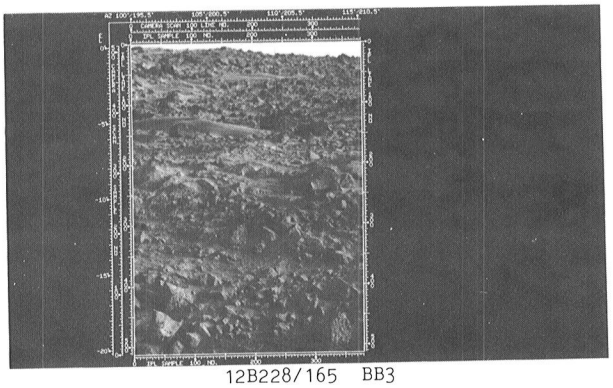
12B227/165 BB4 1/3



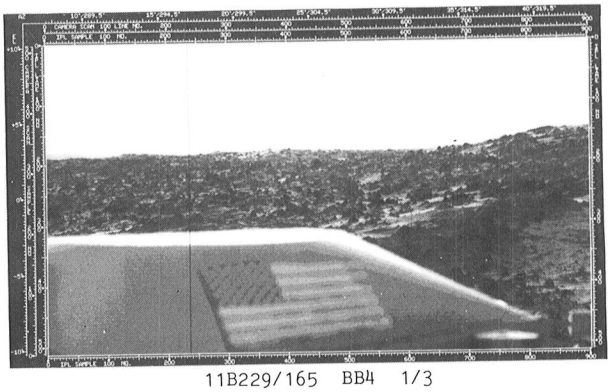
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12B227/165 BB4 3/3



12B228/165 BB3



11B229/165 BB4 1/3

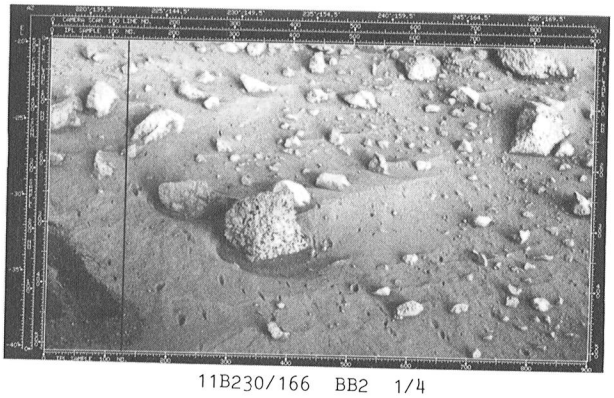
VL-I



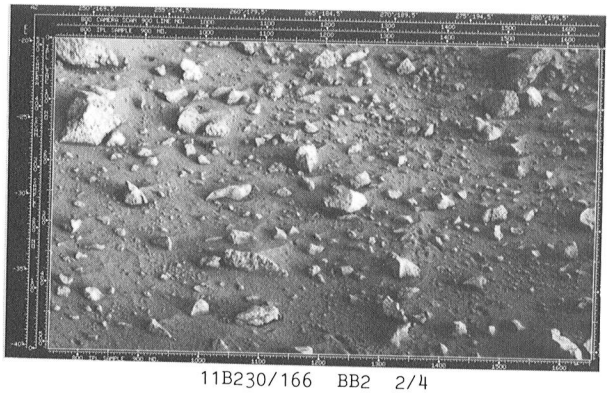
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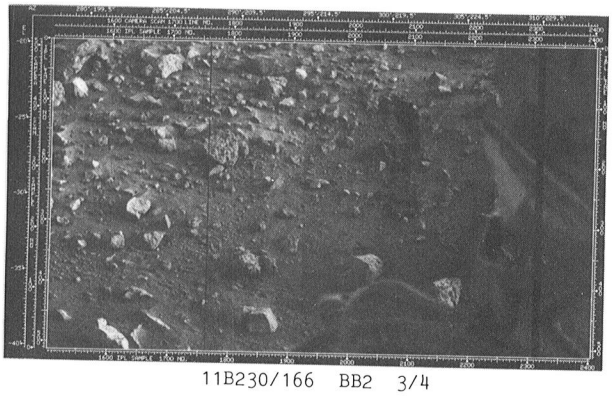
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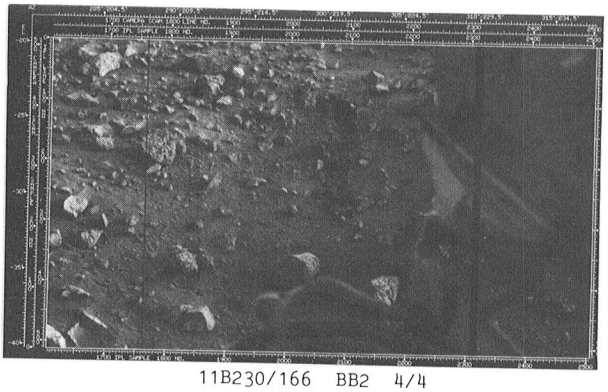
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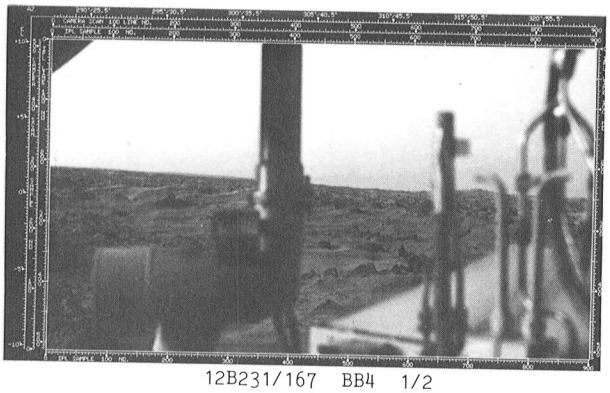
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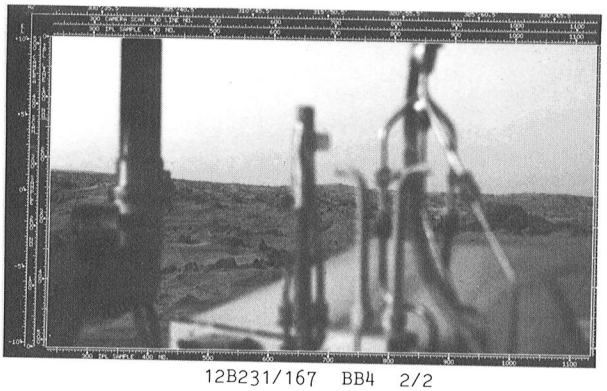
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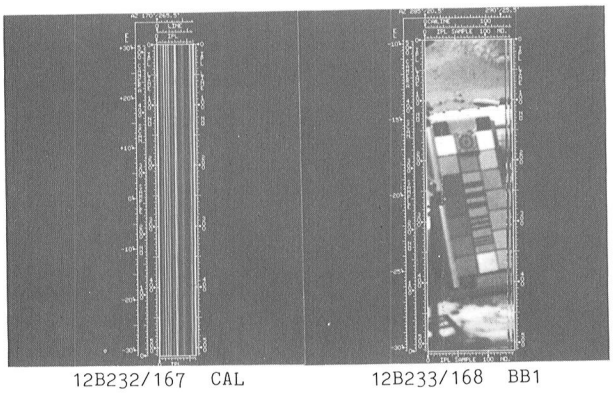
11B230/166 BB2 4/4



12B231/167 BB4 1/2



12B231/167 BB4 2/2



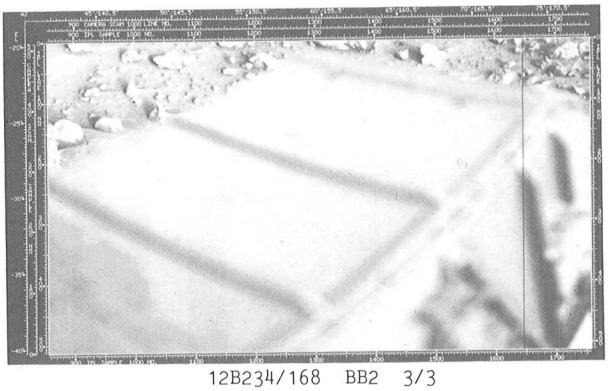
12B232/167 CAL 12B233/168 BB1



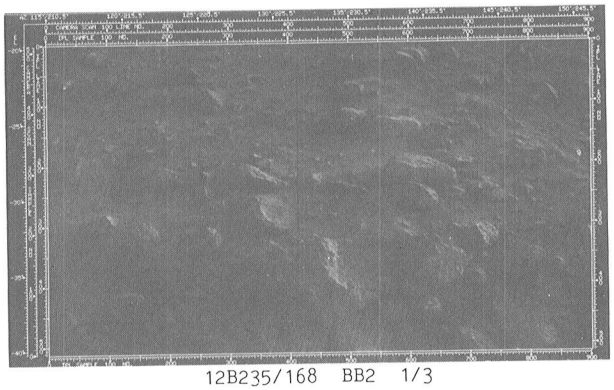
12B234/168 BB2 1/3



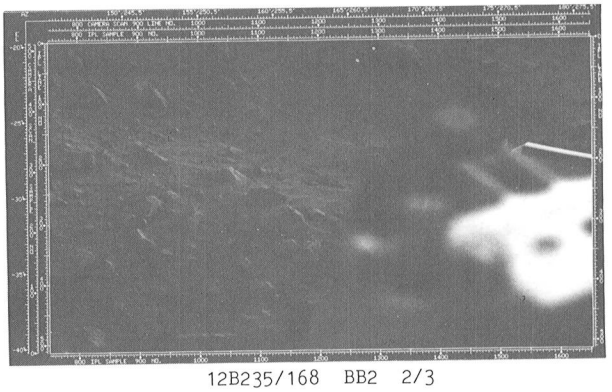
12B234/168 BB2 2/3



12B234/168 BB2 3/3



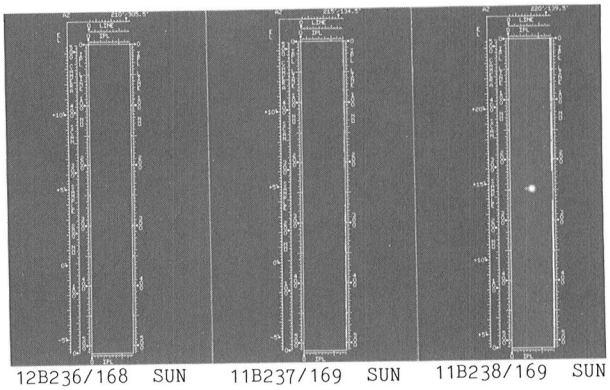
12B235/168 BB2 1/3



12B235/168 BB2 2/3

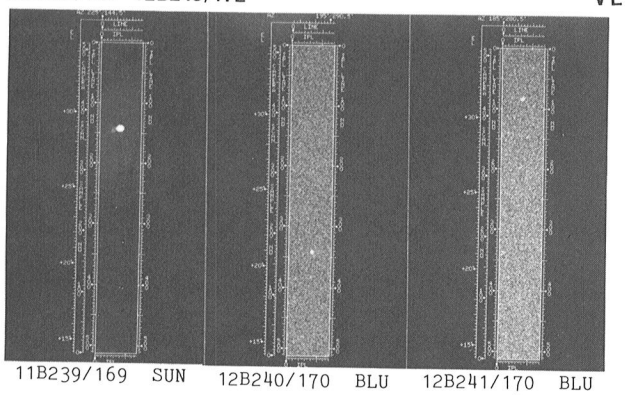


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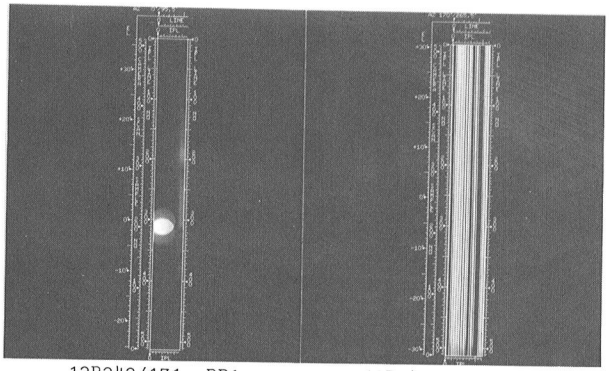


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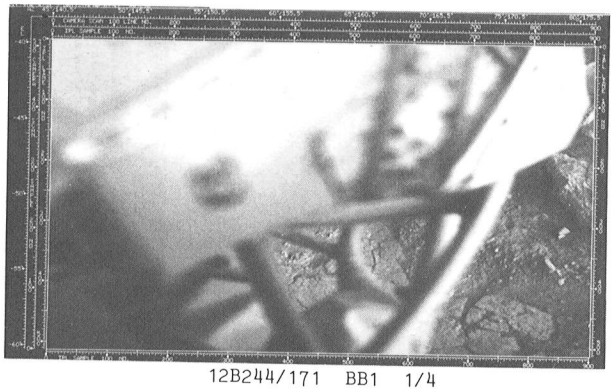
VL-I



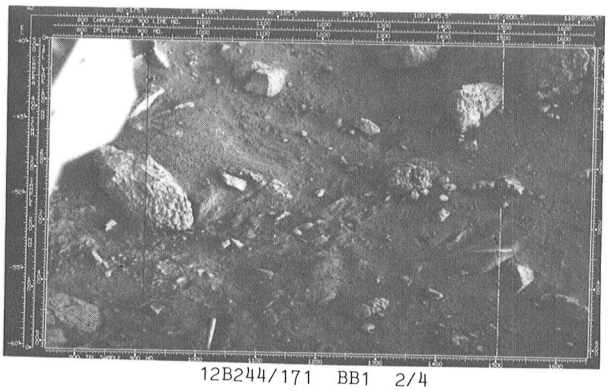
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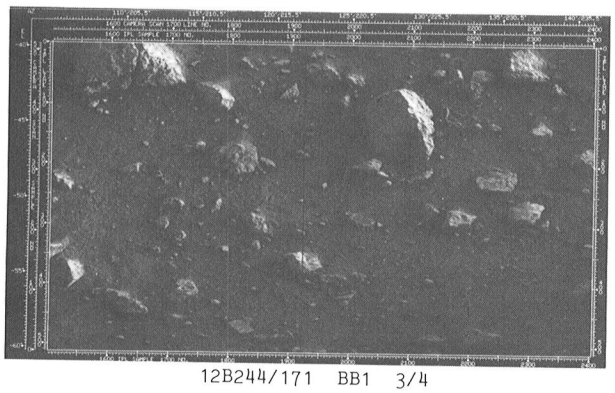
12B242/171 BB1 12B243/171 CAL



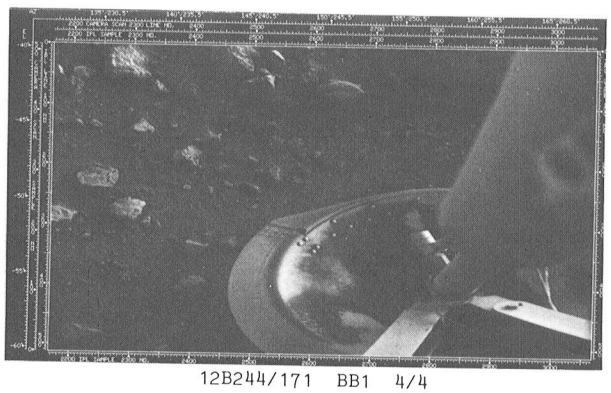
12B244/171 BB1 1/4



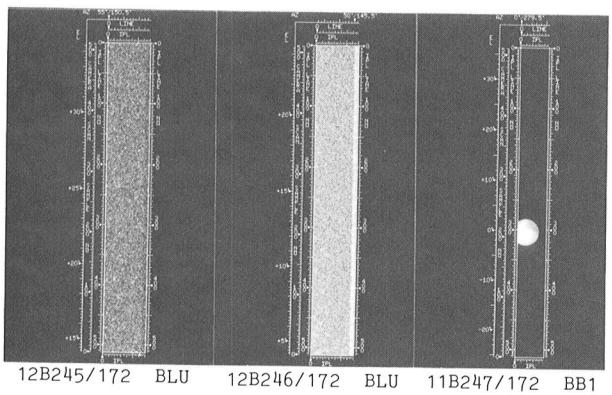
12B244/171 BB1 2/4



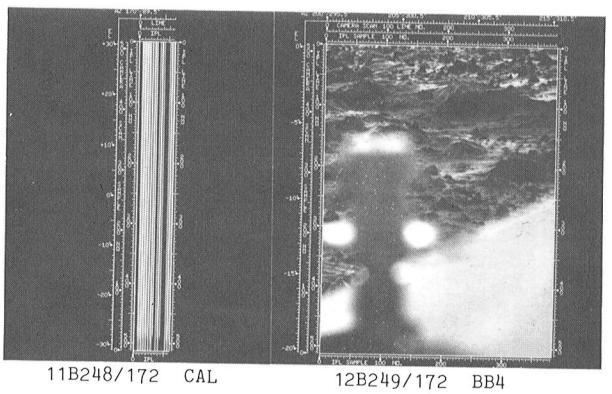
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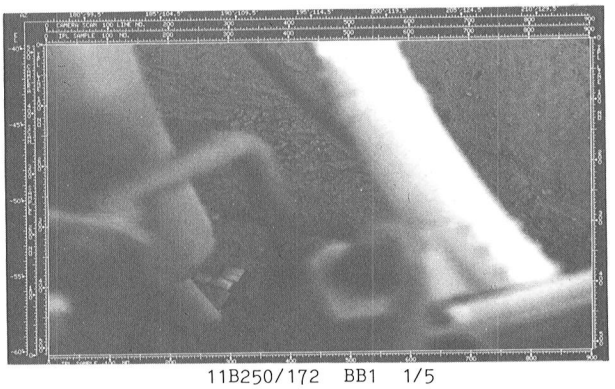
12B244/171 BB1 4/4



12B245/172 BLU 12B246/172 BLU 11B247/172 BB1



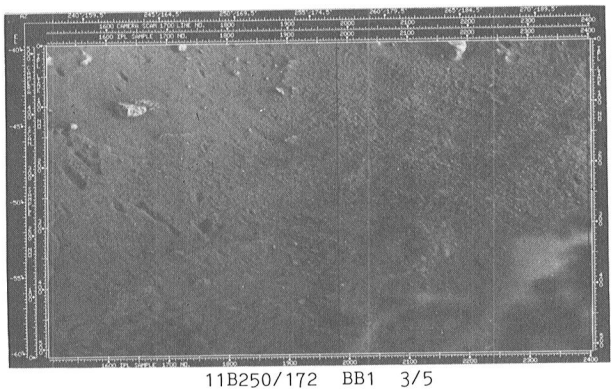
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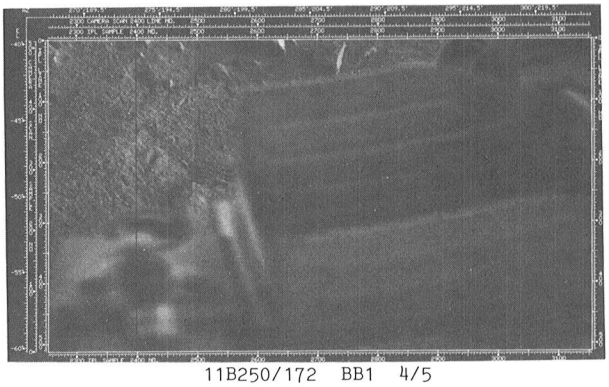
11B250/172 BB1 1/5



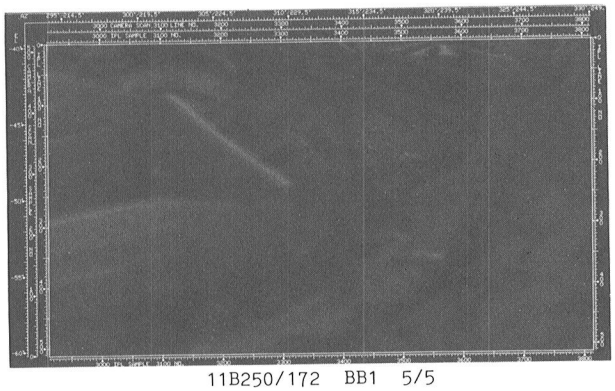
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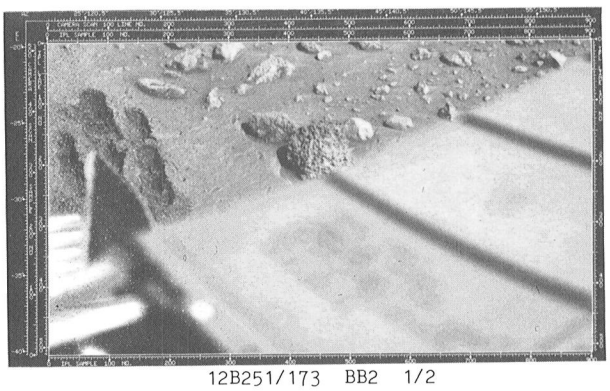
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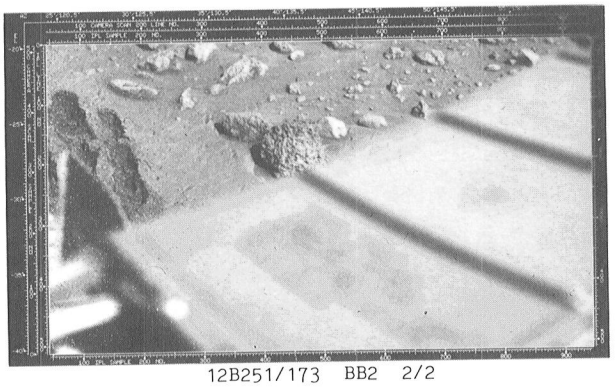
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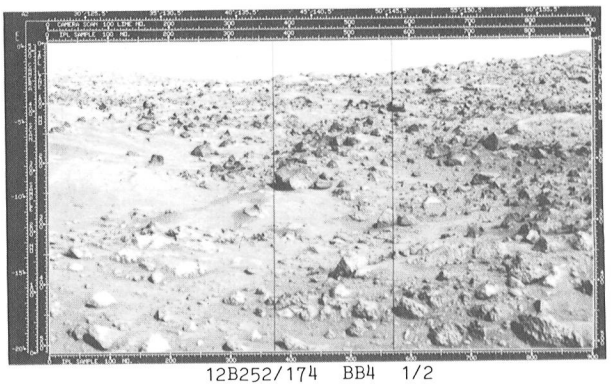
11B250/172 BB1 5/5



12B251/173 BB2 1/2

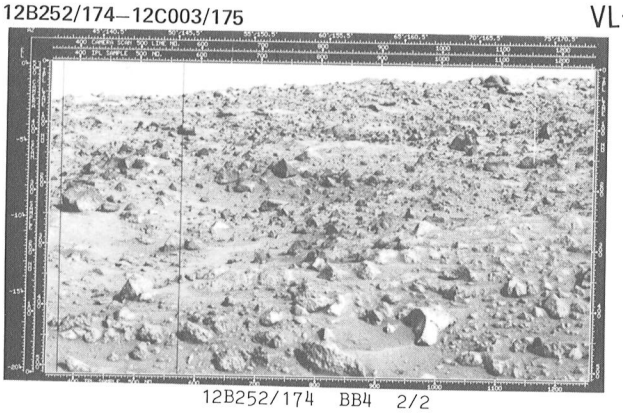


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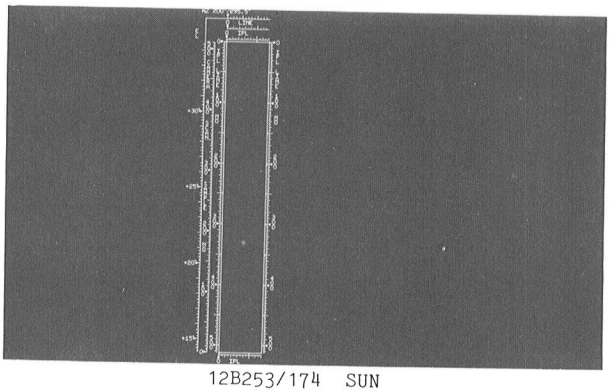


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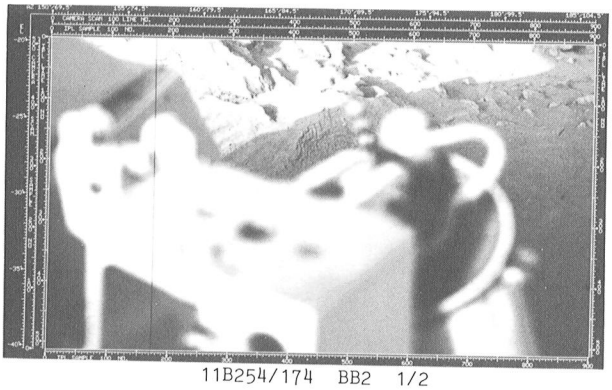
VL-I



12B252/174 BB4 2/2



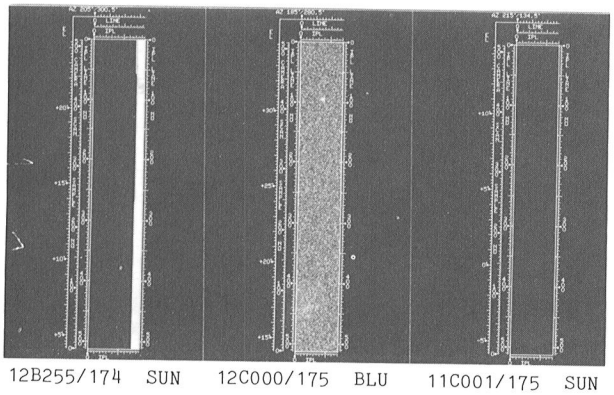
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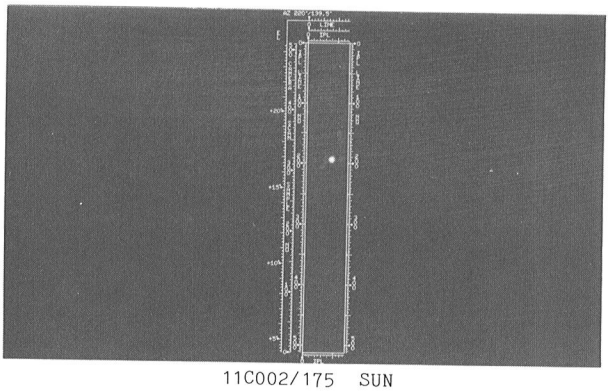
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11B254/174 BB2 2/2



12B255/174 SUN 12C000/175 BLU 11C001/175 SUN



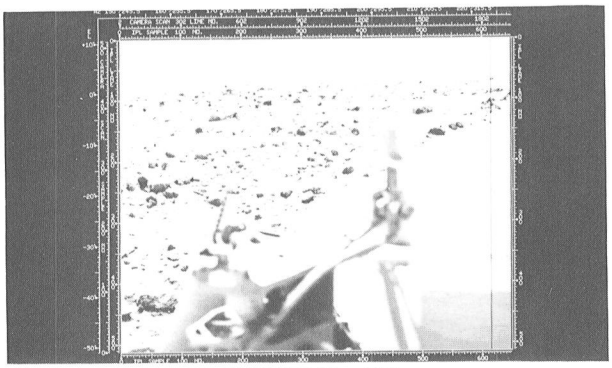
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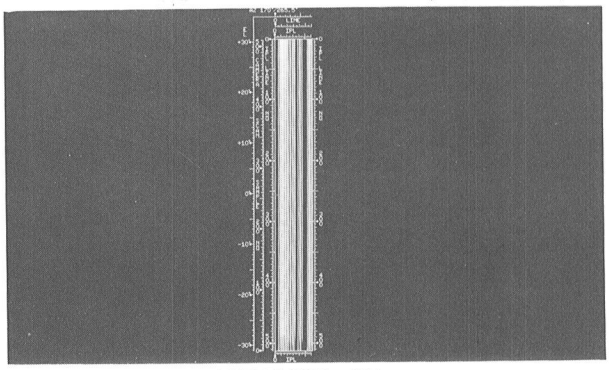
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12C003/175 GRN



12C003/175 RED



12C004/175 CAL



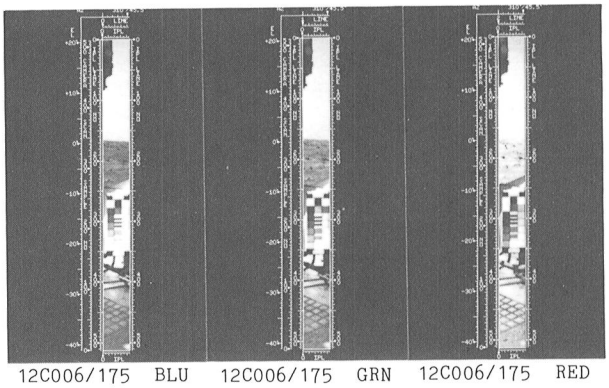
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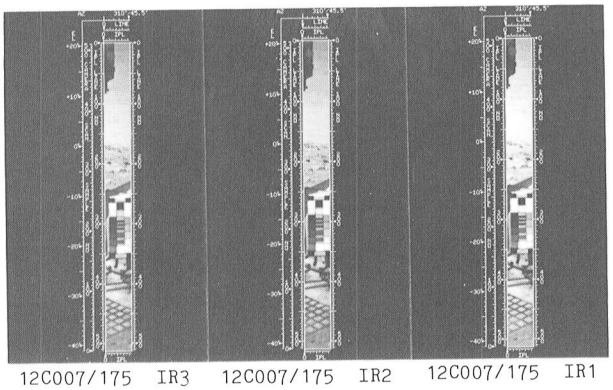
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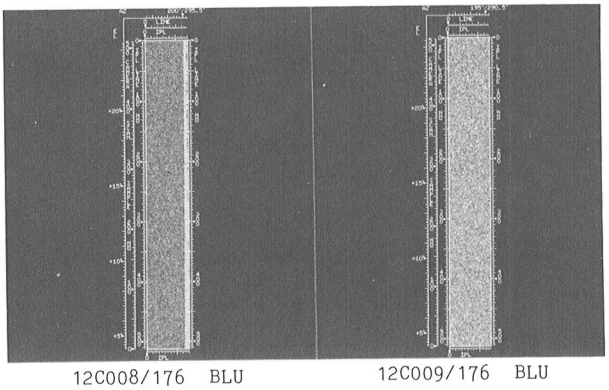
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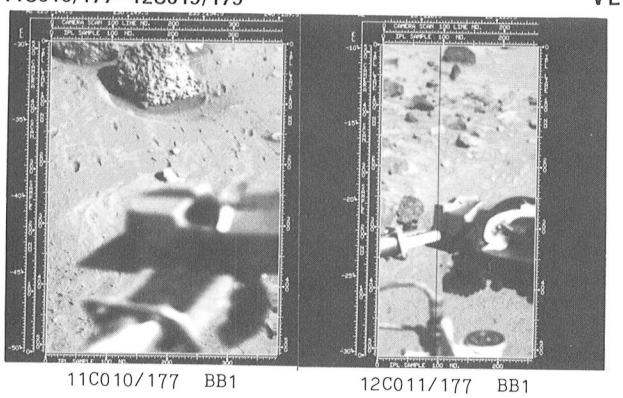
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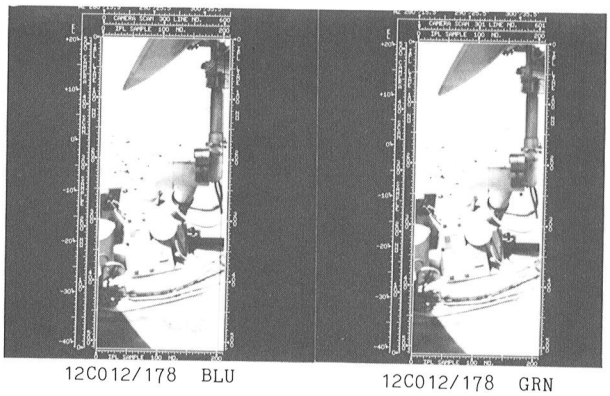
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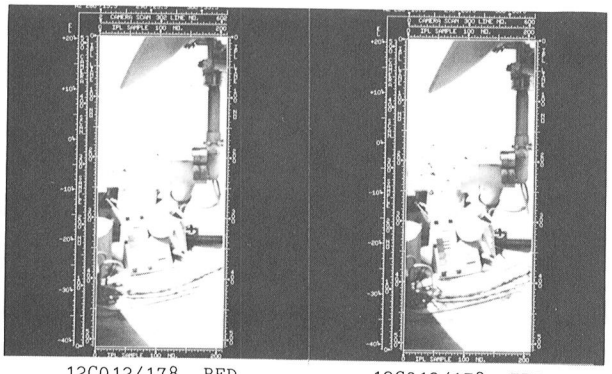
12C008/176 BLU 12C009/176 BLU



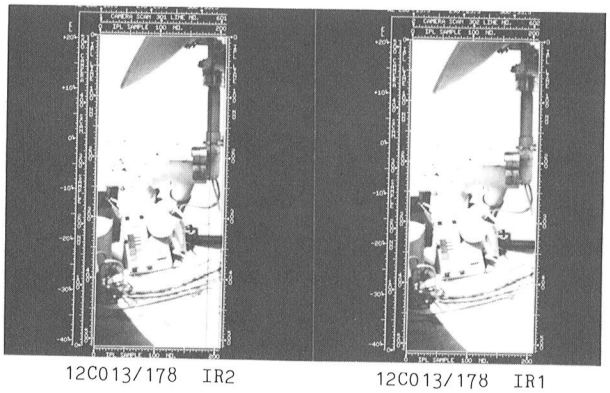
11C010/177 BB1 12C011/177 BB1



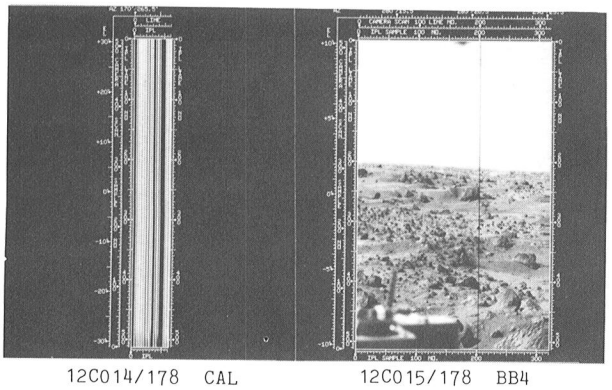
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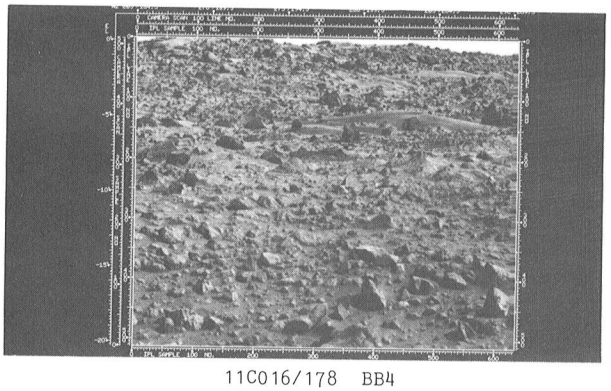
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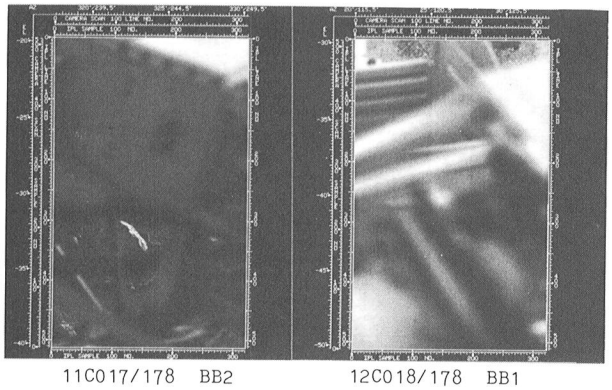
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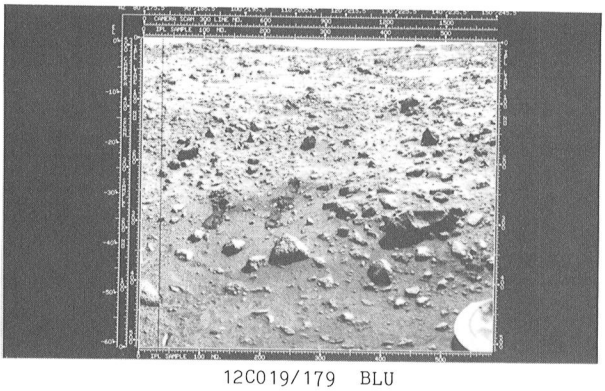
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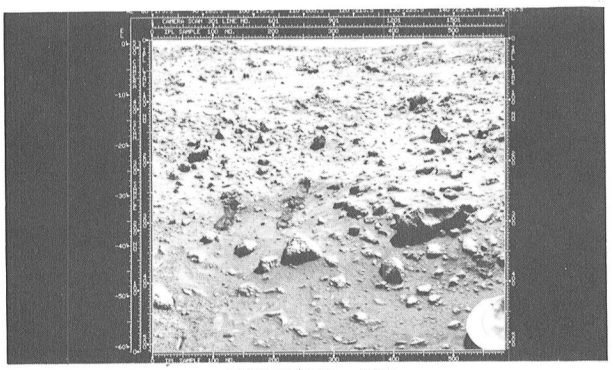
11C016/178 BB4



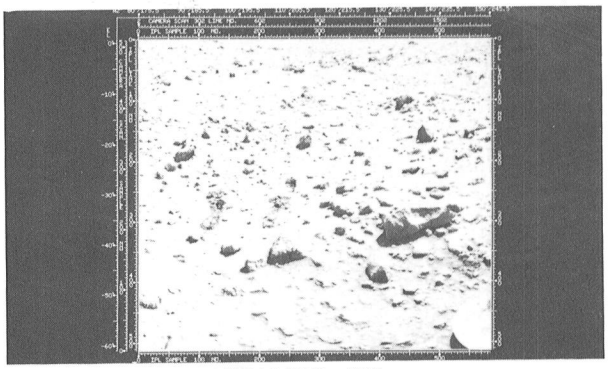
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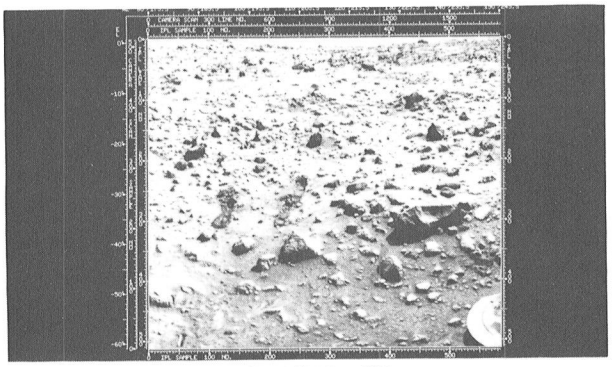
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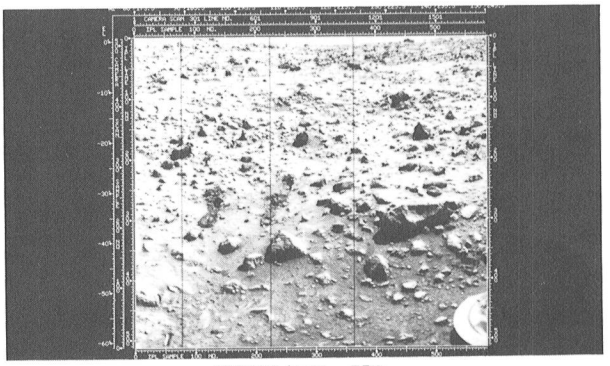
12C019/179 GRN



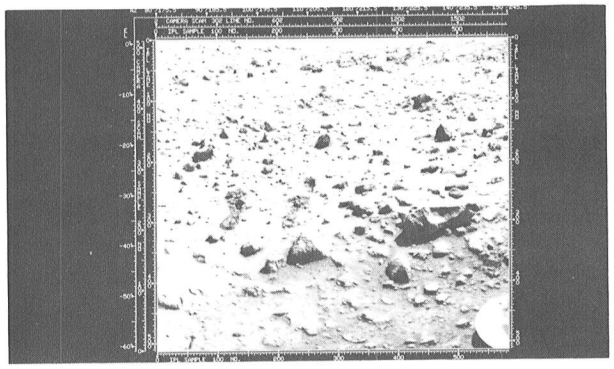
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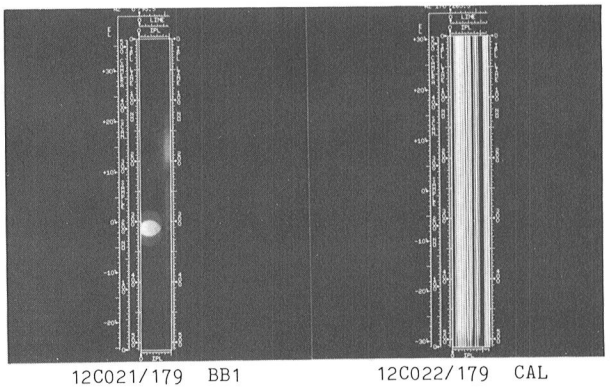
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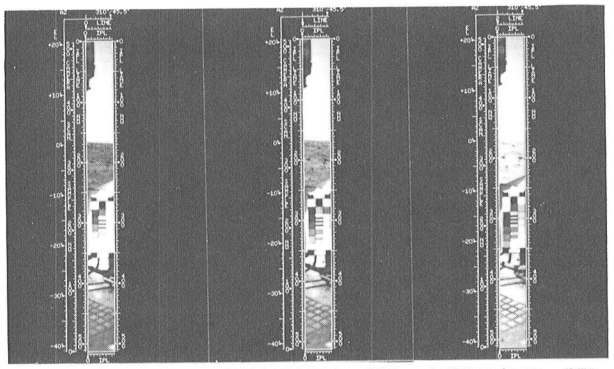
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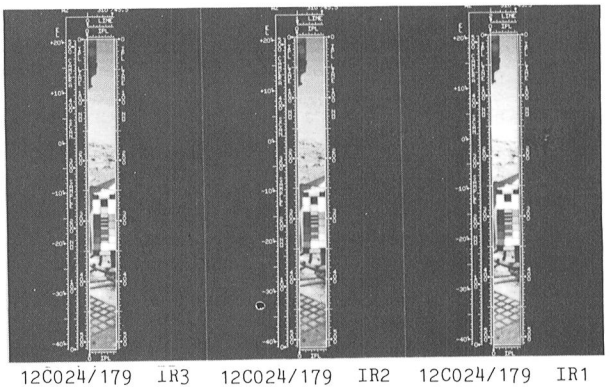
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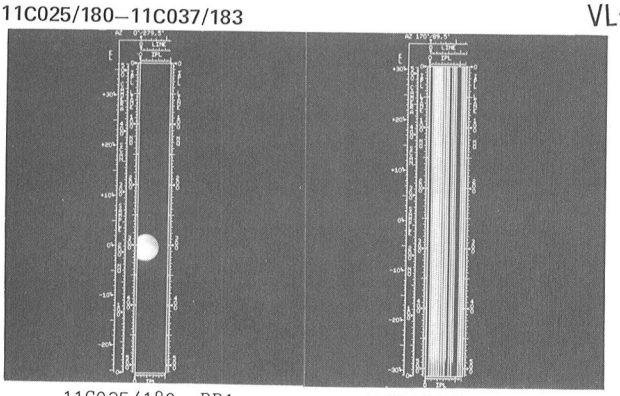
12C021/179 BB1 12C022/179 CAL



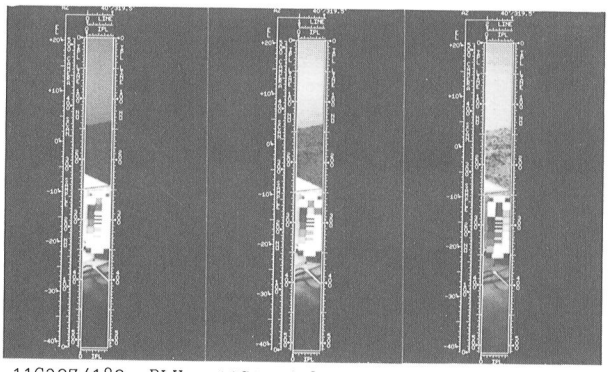
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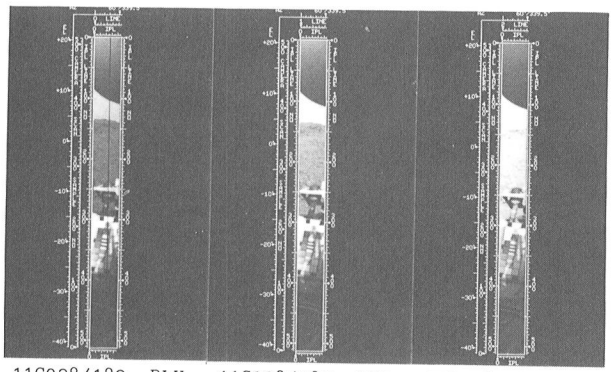
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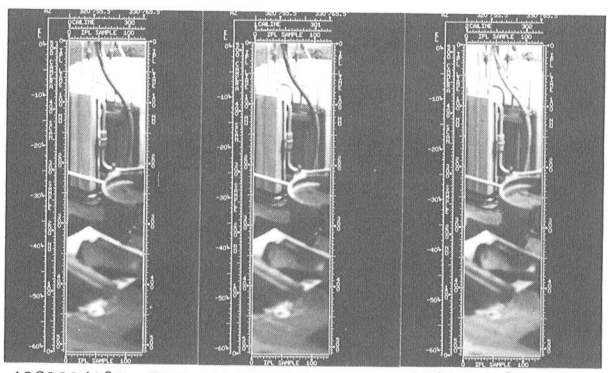
11C025/180 BB1 11C026/180 CAL



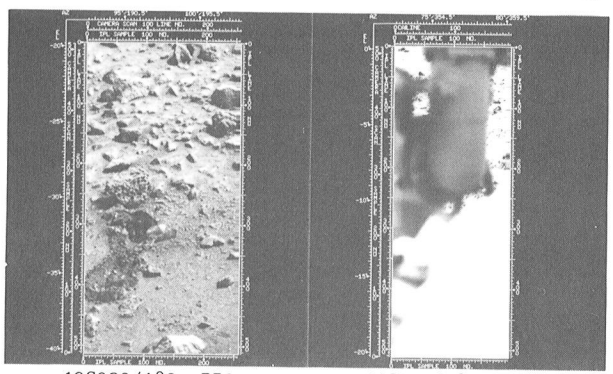
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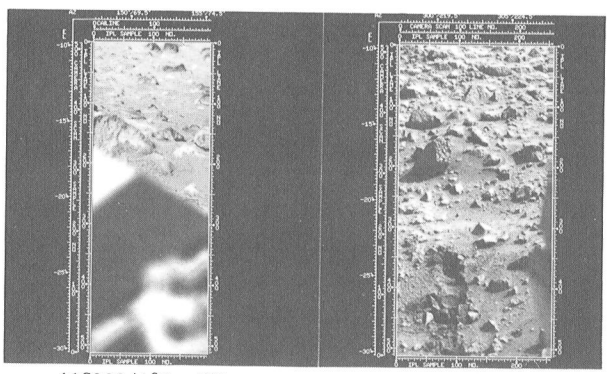
11C028/182 BLU 11C028/182 GRN 11C028/182 RED



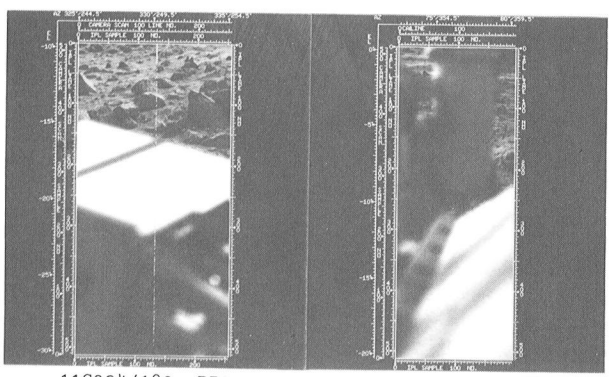
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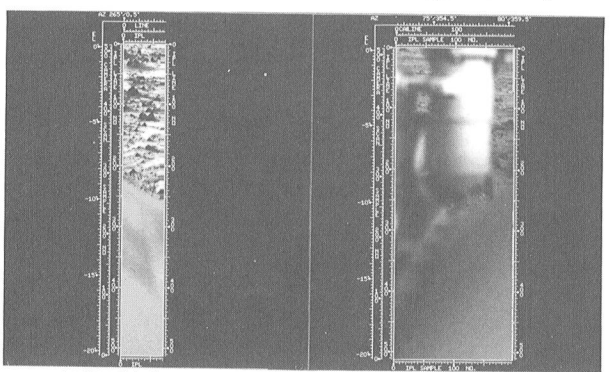
12C030/182 BB2 11C031/182 BB4



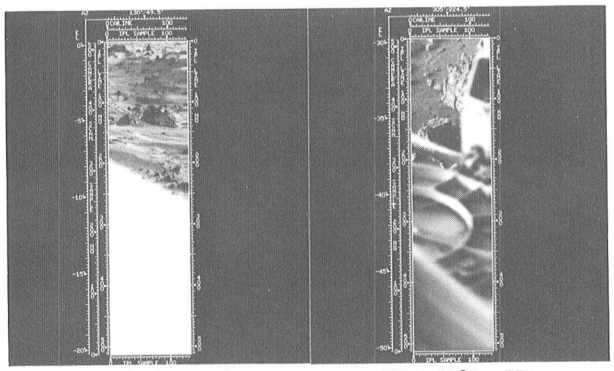
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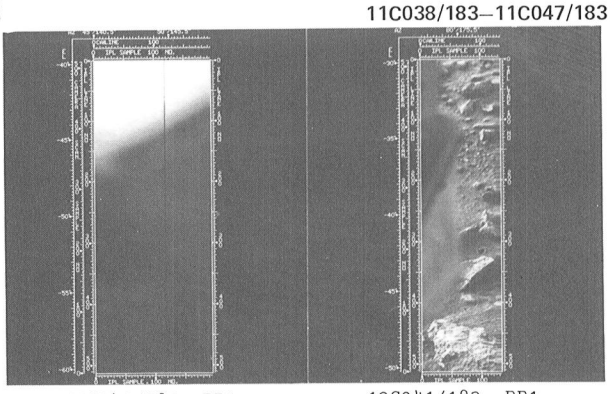
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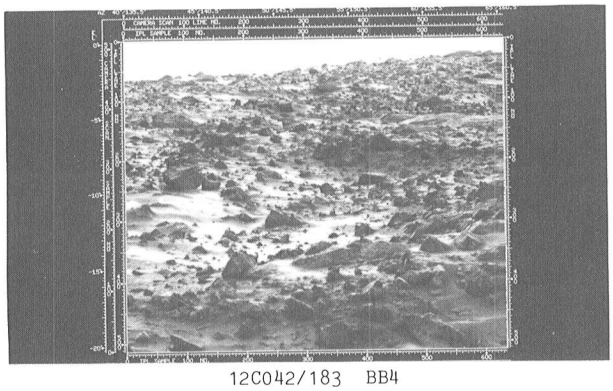
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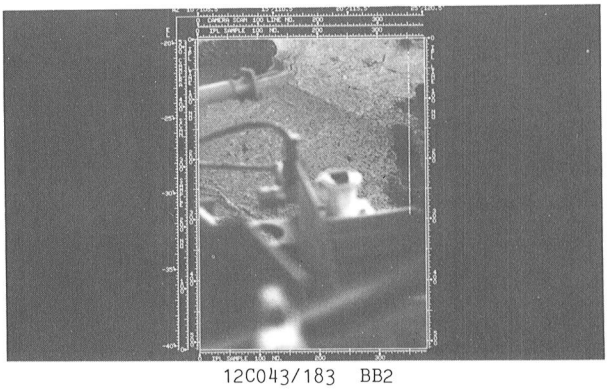
11C038/183 BB4 11C039/183 BB1



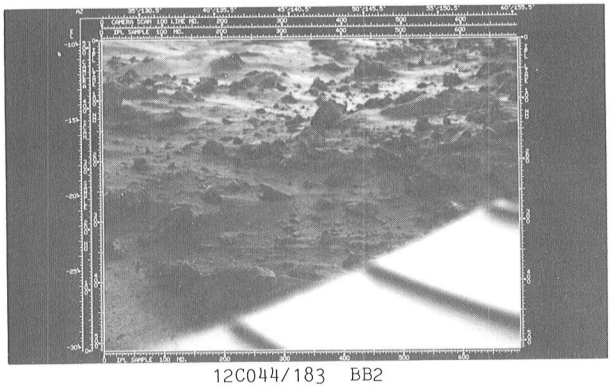
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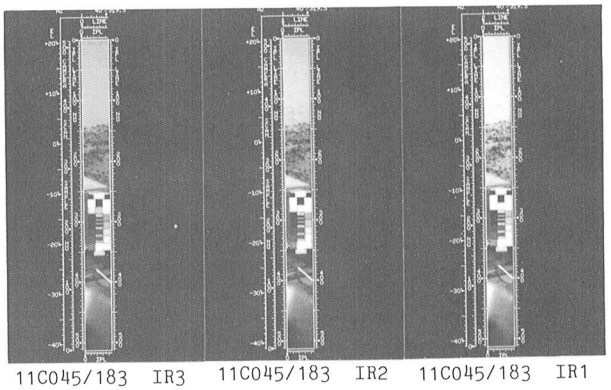
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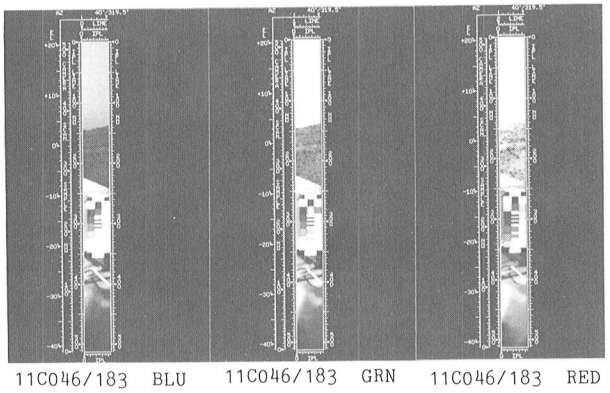
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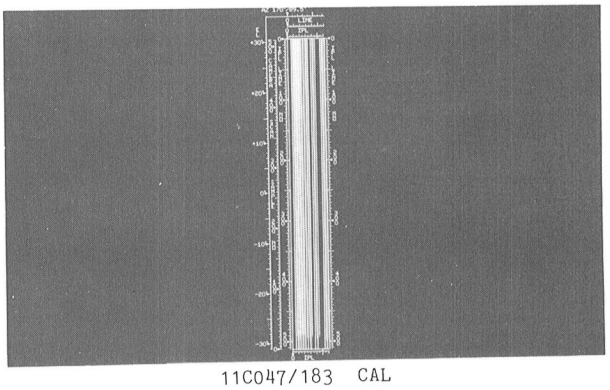
12C044/183 BB2



11C045/183 IR3 11C045/183 IR2 11C045/183 IR1



11C046/183 BLU 11C046/183 GRN 11C046/183 RED

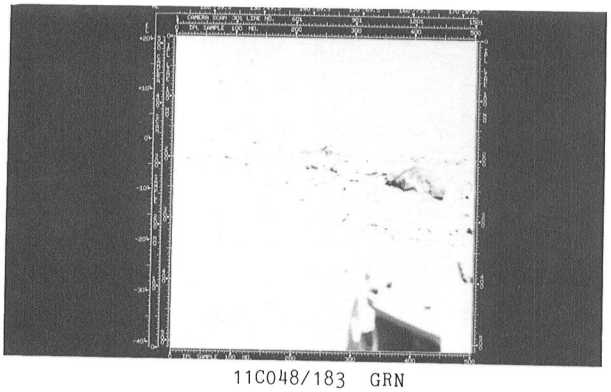


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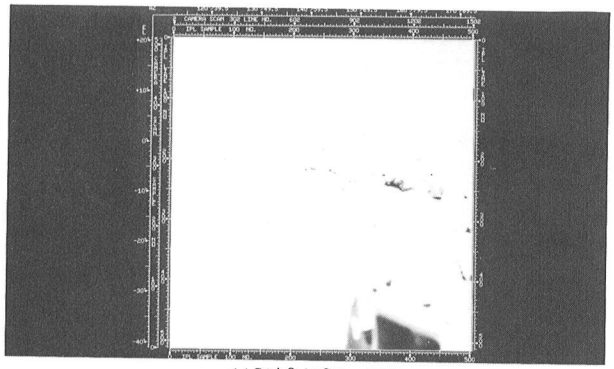
VL-I



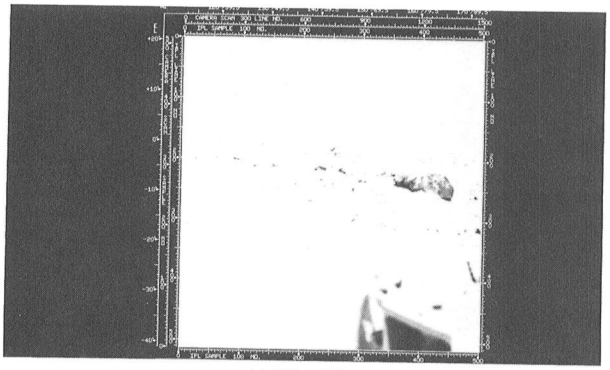
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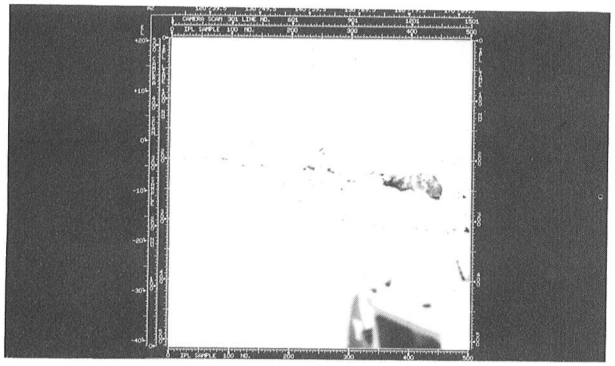
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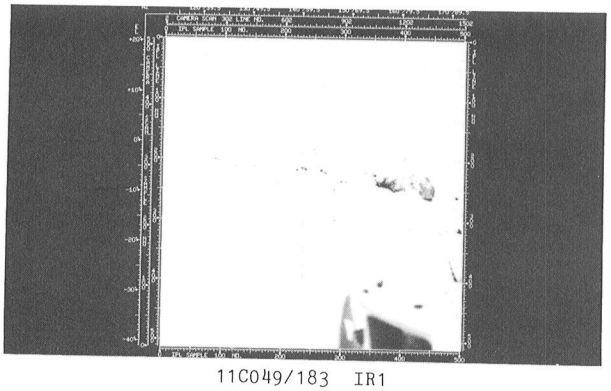
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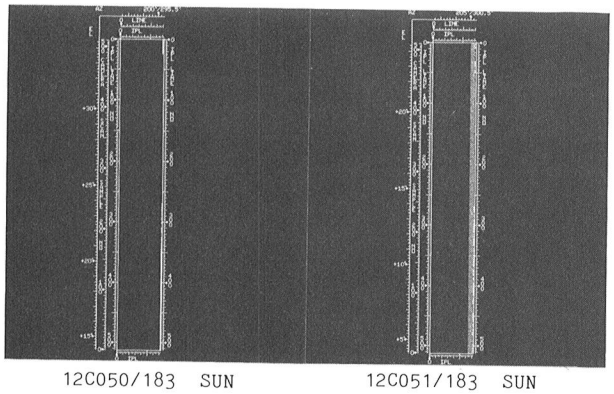
11C049/183 IR3



11C049/183 IR2

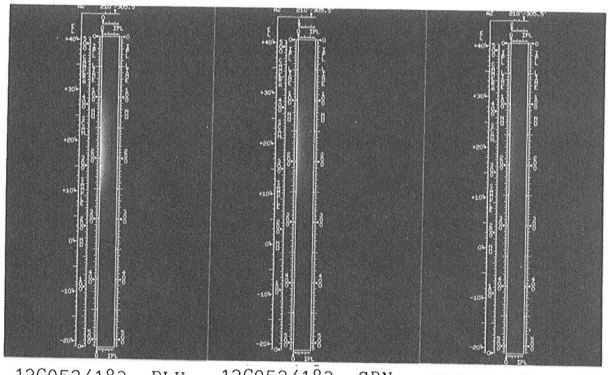


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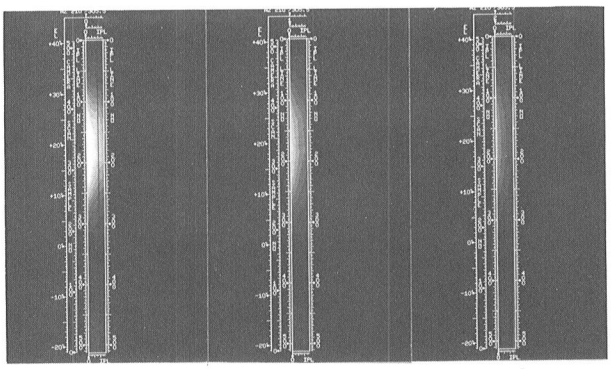


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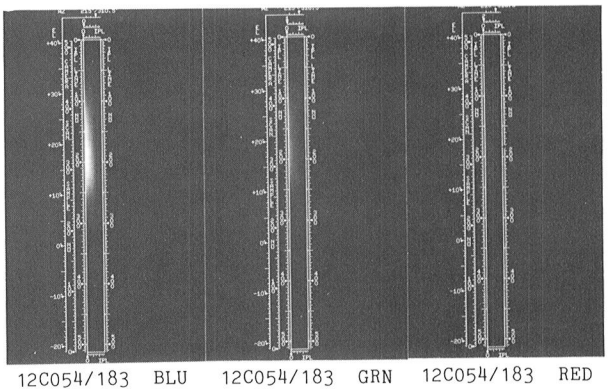
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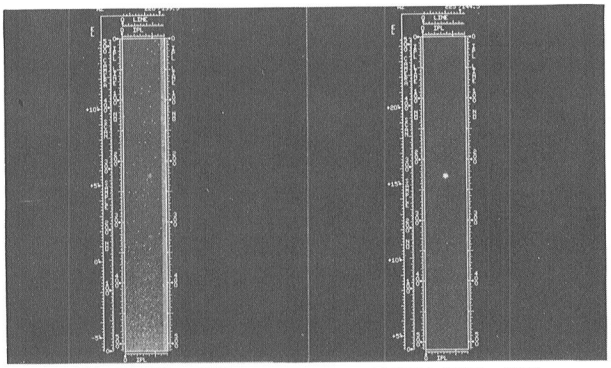
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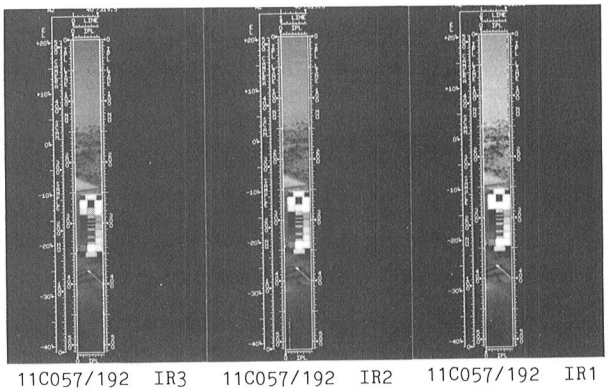
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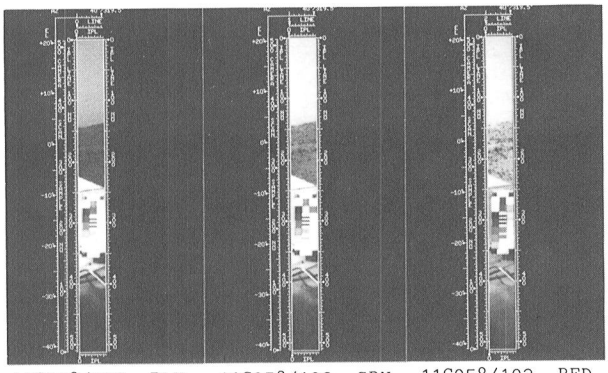
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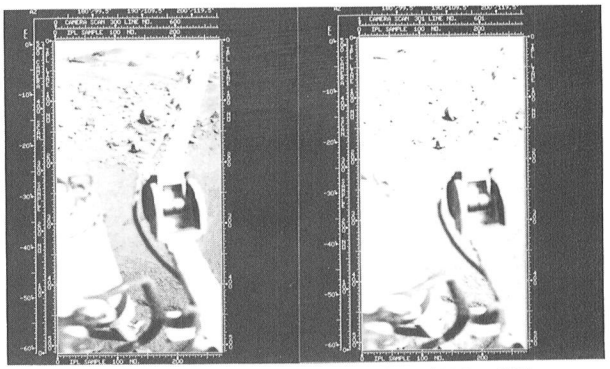
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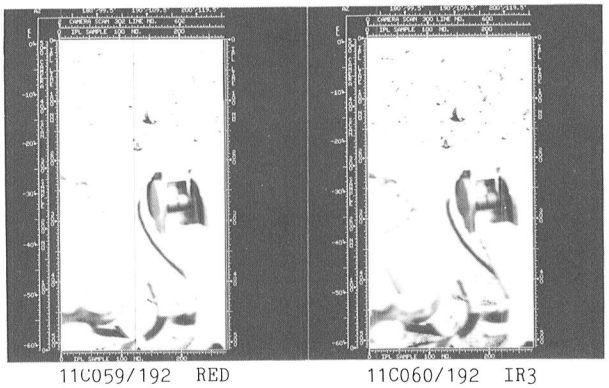
11C057/192 IR3 11C057/192 IR2 11C057/192 IR1



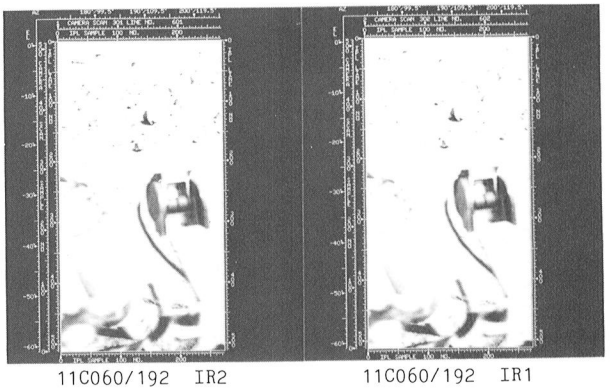
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11C059/192 BLU 11C059/192 GRN

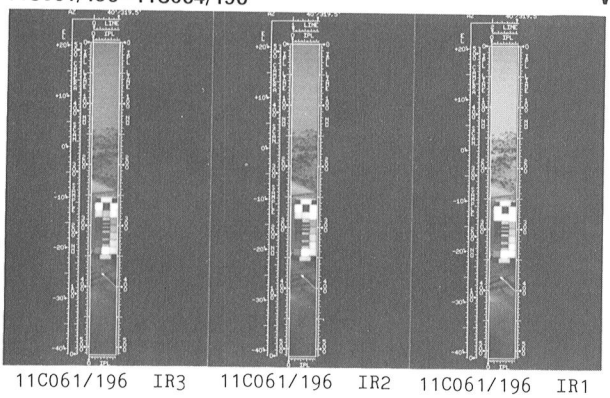


11C059/192 RED 11C060/192 IR3

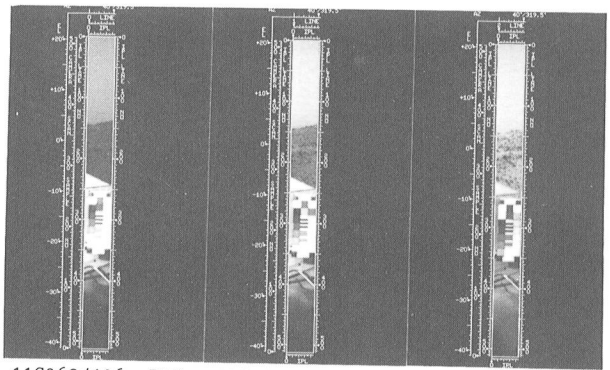


11C060/192 IR2 11C060/192 IR1

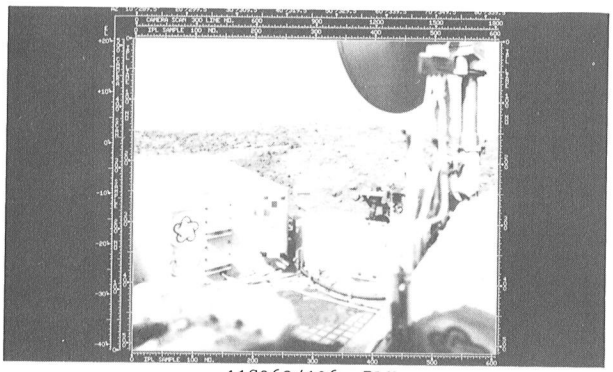
VL-I



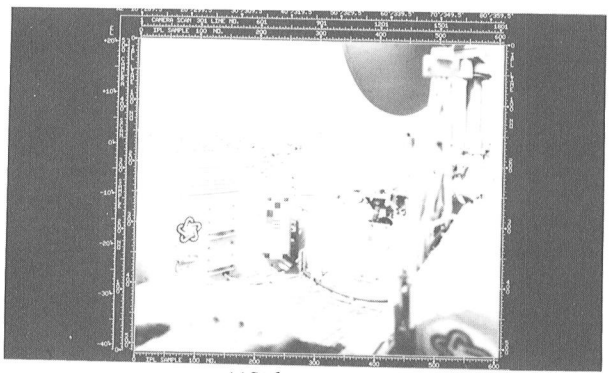
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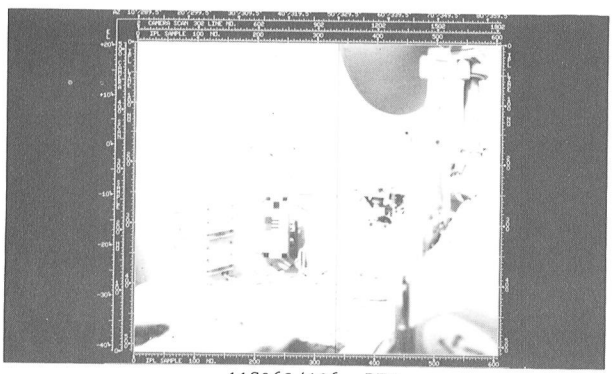
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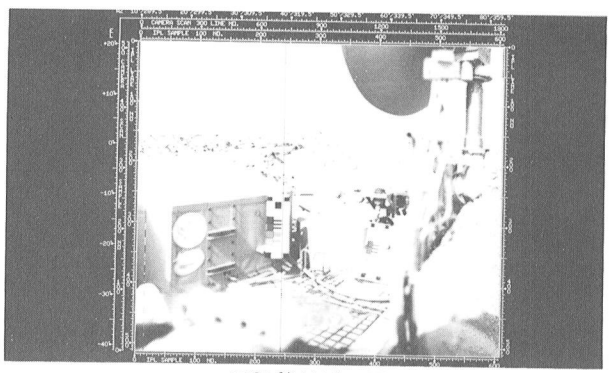
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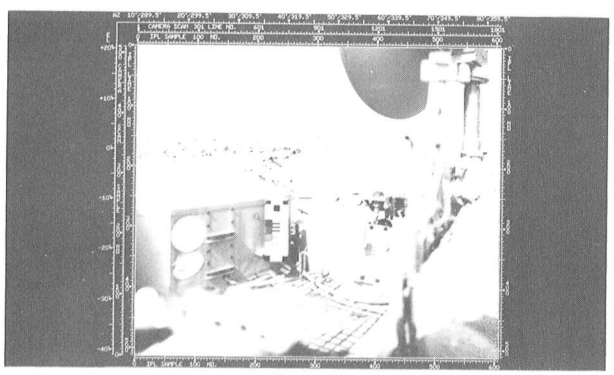
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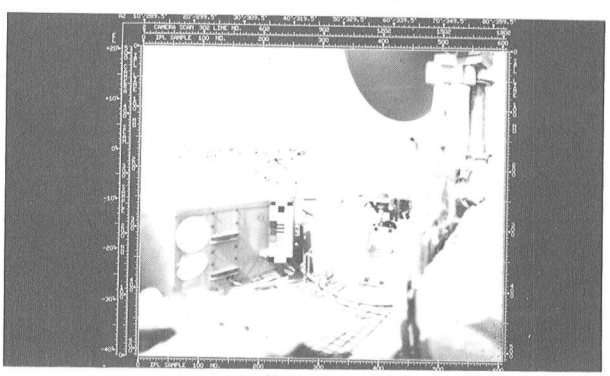
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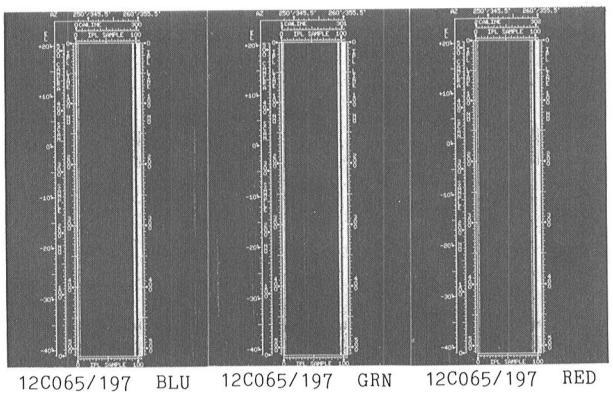
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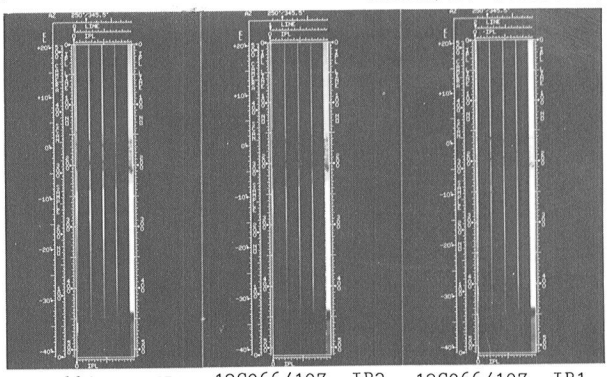
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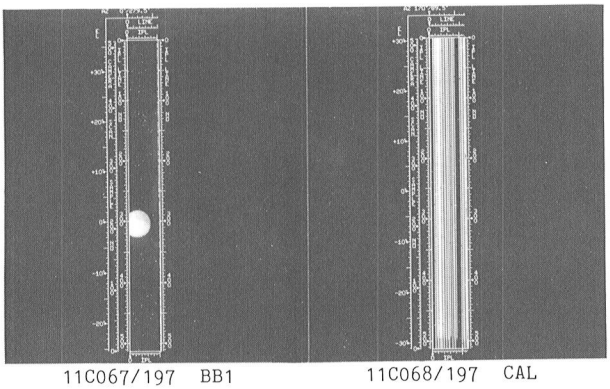
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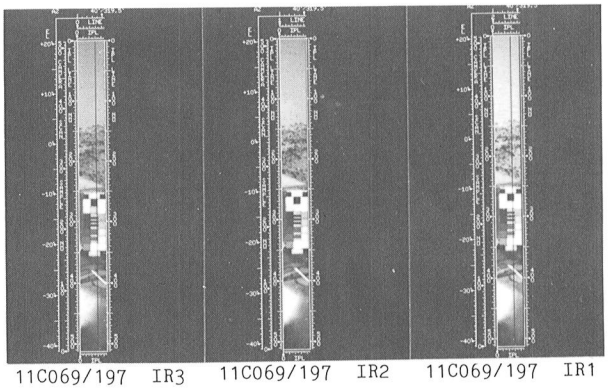
12C065/197 BLU 12C065/197 GRN 12C065/197 RED



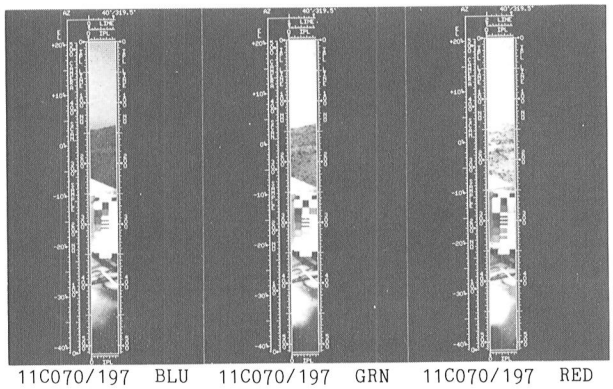
12C066/197 IR3 12C066/197 IR2 12C066/197 IR1



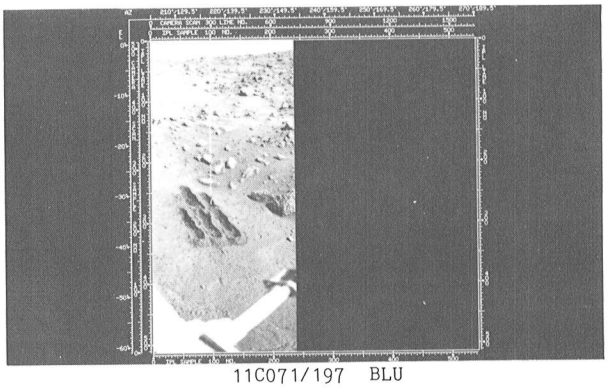
11C067/197 BB1 11C068/197 CAL



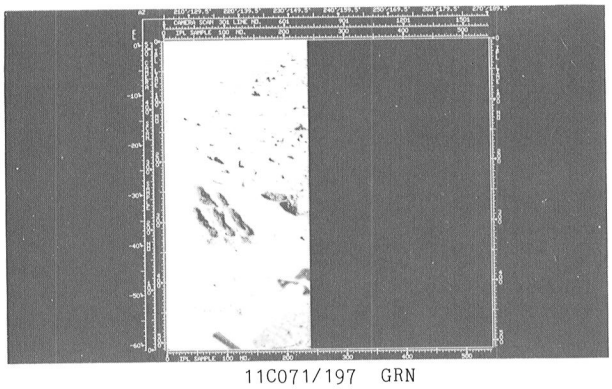
11C069/197 IR3 11C069/197 IR2 11C069/197 IR1



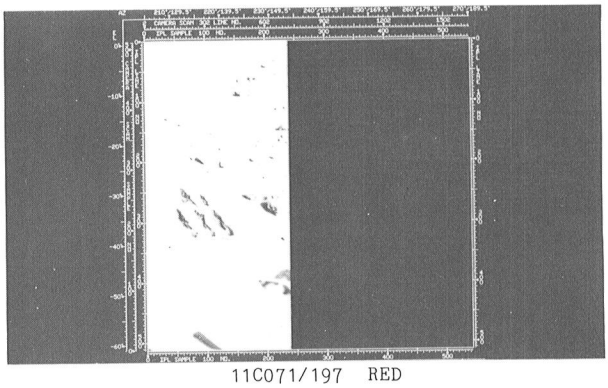
11C070/197 BLU 11C070/197 GRN 11C070/197 RED



11C071/197 BLU

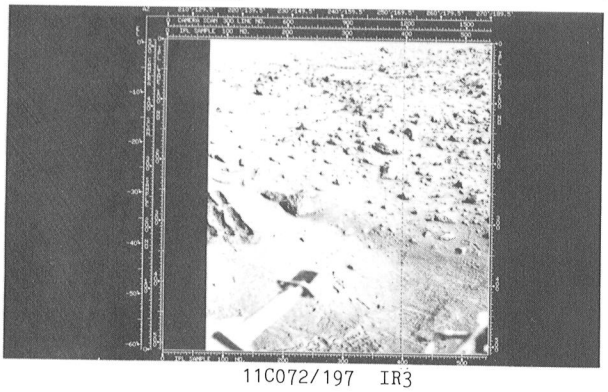


11C071/197 GRN

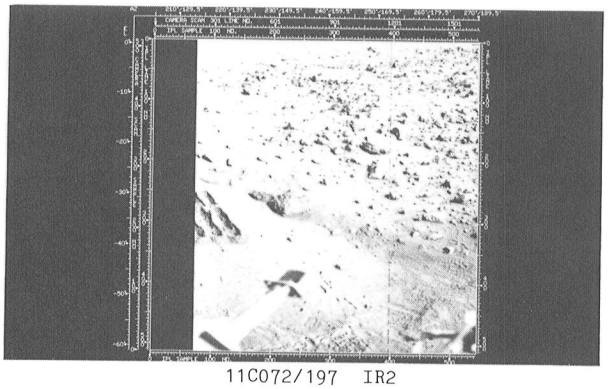


11C071/197 RED

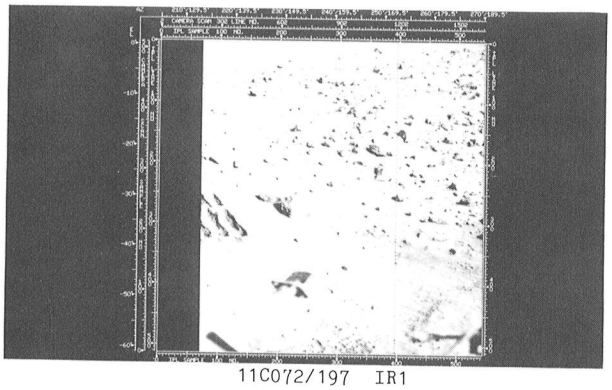
VL-I



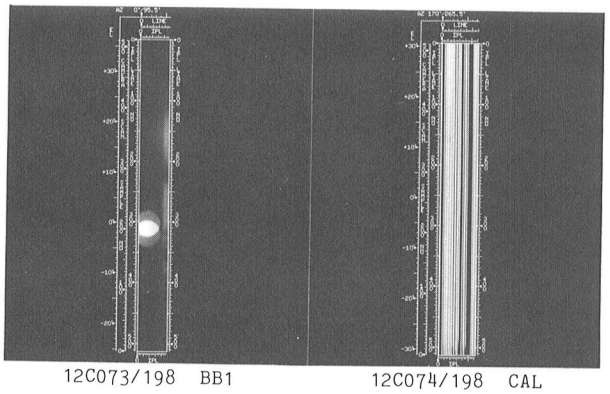
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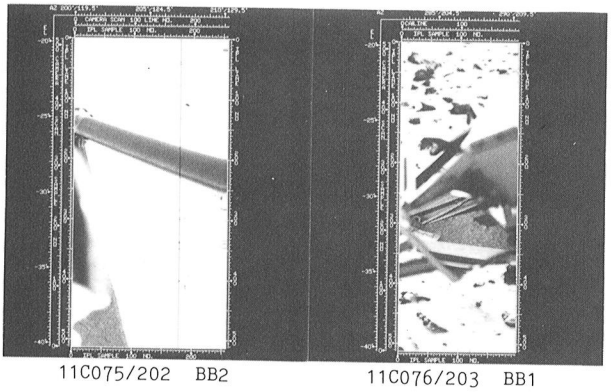
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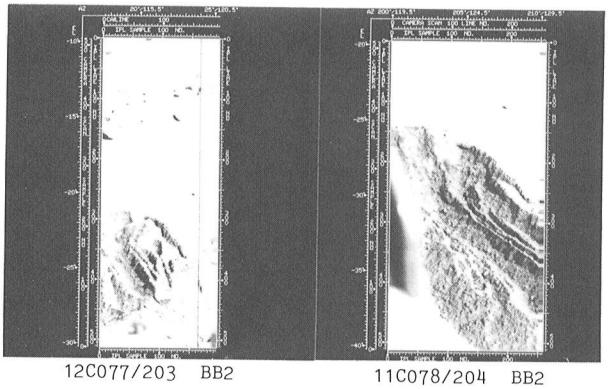
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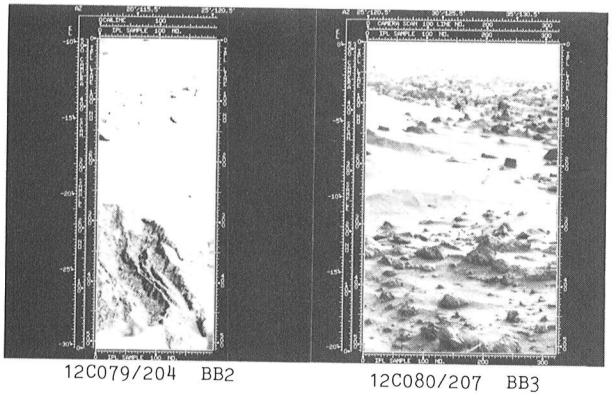
12C073/198 BB1 12C074/198 CAL



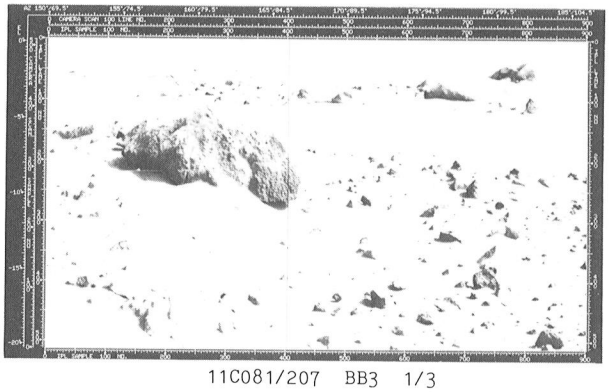
11C075/202 BB2 11C076/203 BB1



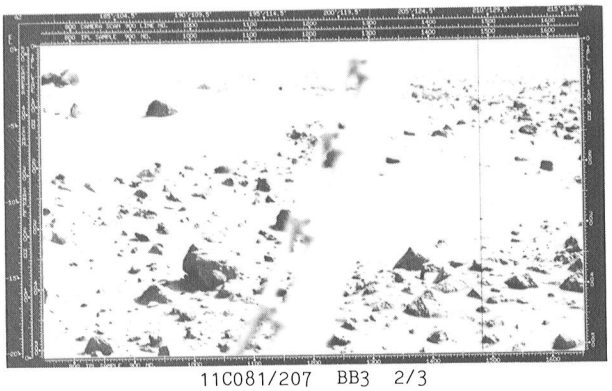
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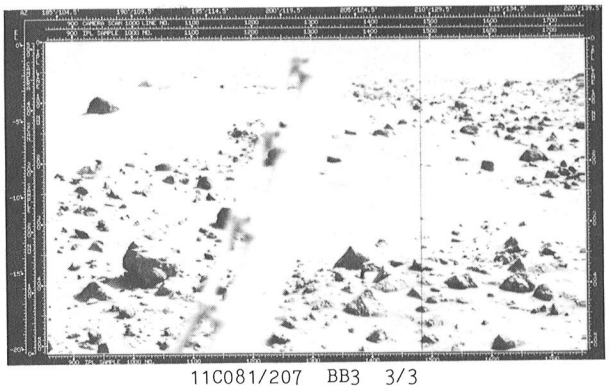
12C079/204 BB2 12C080/207 BB3



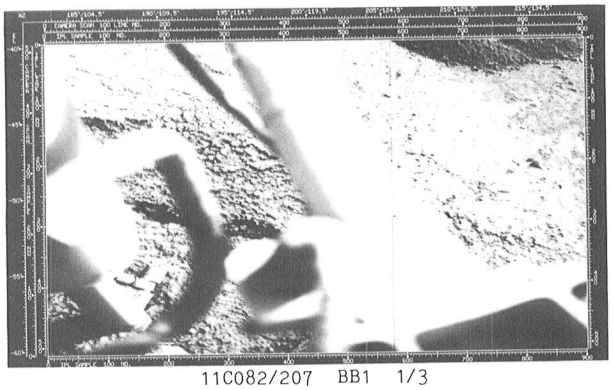
11C081/207 BB3 1/3



11C081/207 BB3 2/3



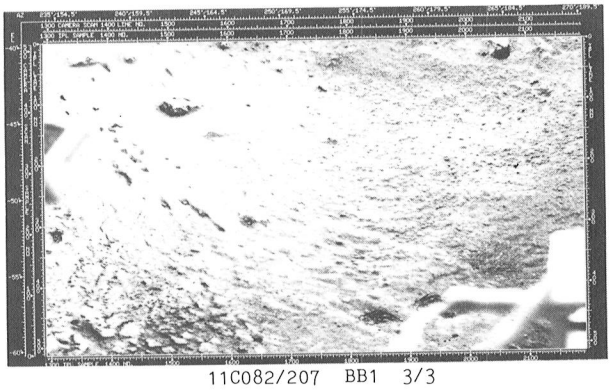
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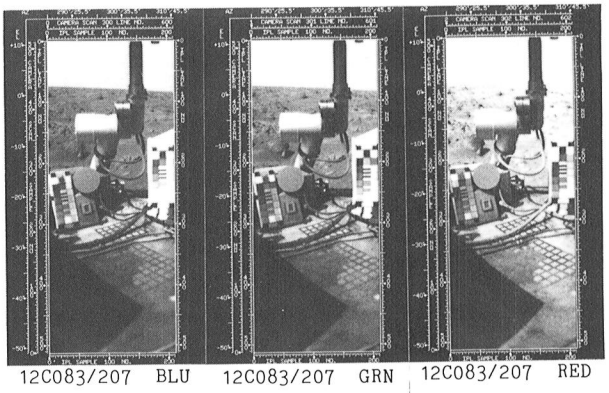
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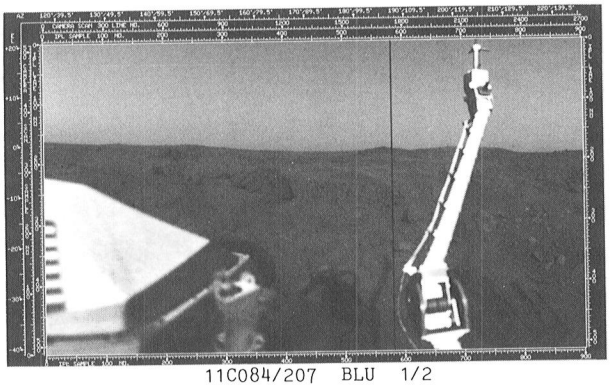
11C082/207 BB1 2/3



11C082/207 BB1 3/3



12C083/207 BLU 12C083/207 GRN 12C083/207 RED



11C084/207 BLU 1/2



11C084/207 BLU 2/2



11C084/207 GRN 1/2



11C084/207 GRN 2/2



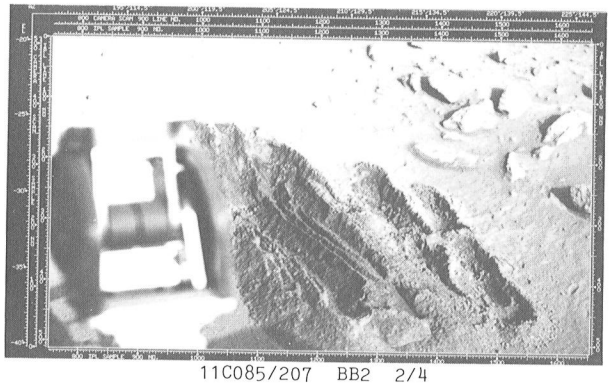
11C084/207 RED 1/2



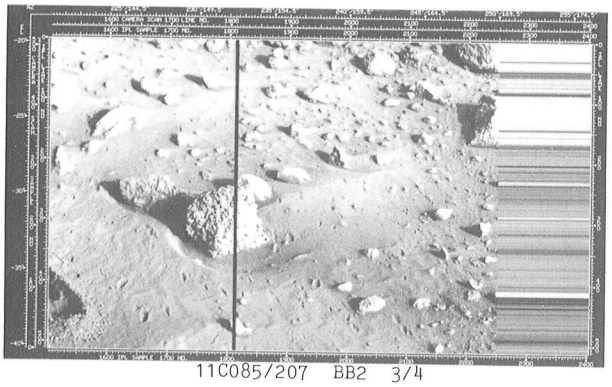
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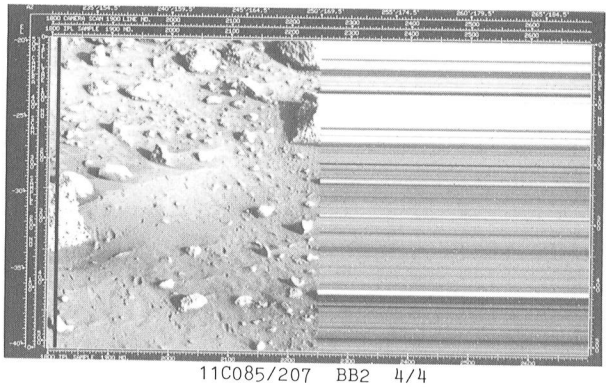
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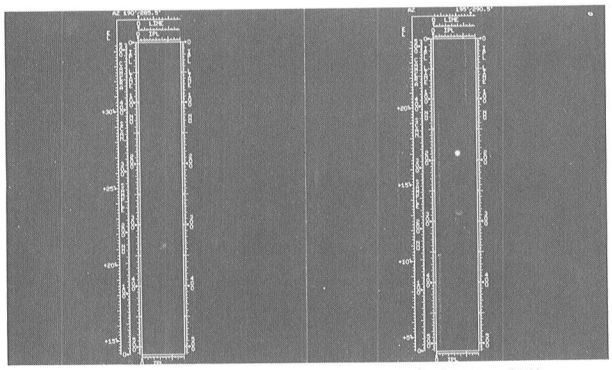
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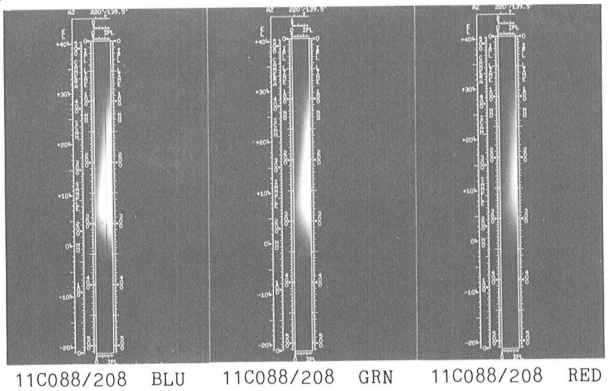
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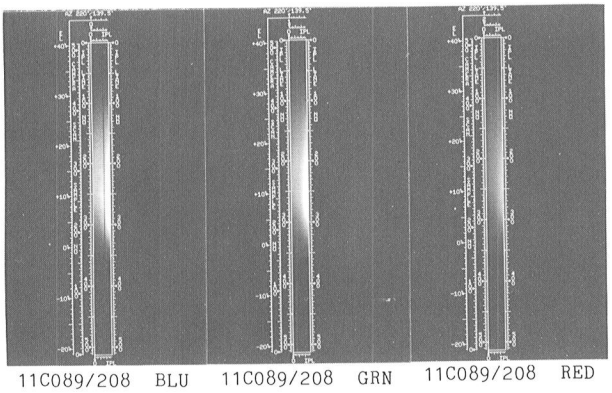
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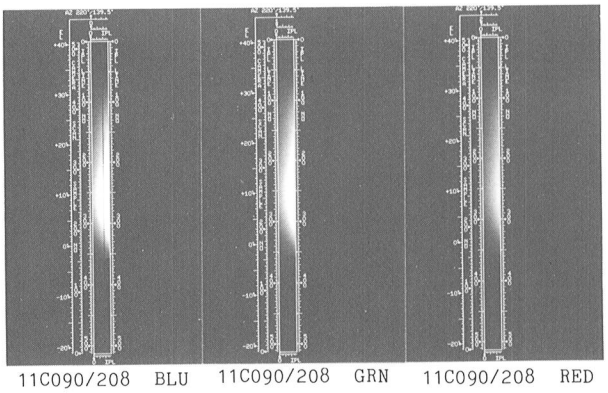
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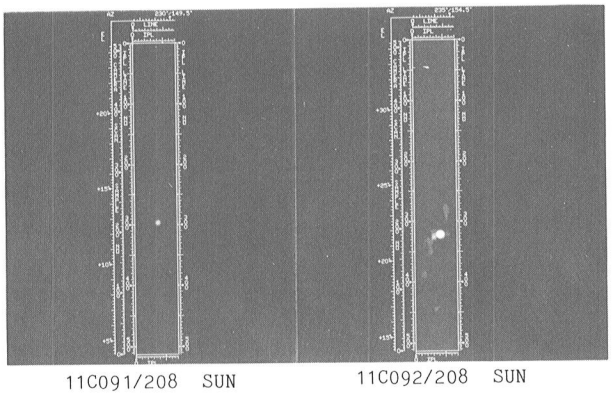
11C088/208 BLU 11C088/208 GRN 11C088/208 RED



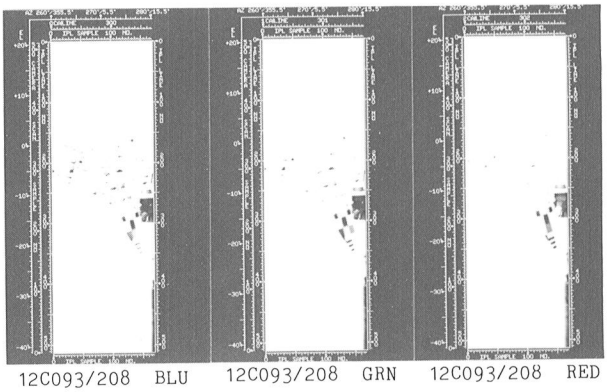
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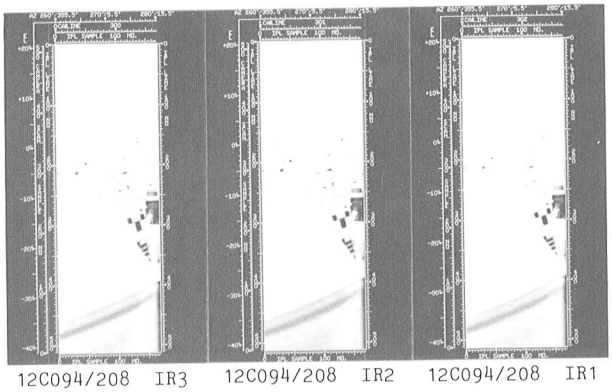
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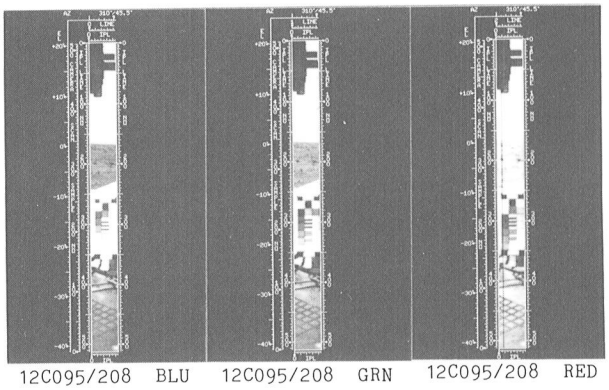
11C091/208 SUN 11C092/208 SUN



12C093/208 BLU 12C093/208 GRN 12C093/208 RED

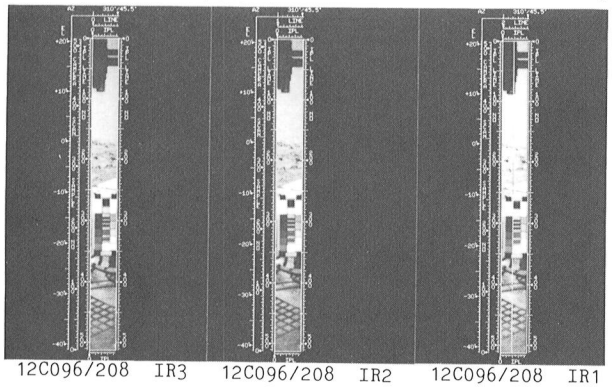


12C094/208 IR3 12C094/208 IR2 12C094/208 IR1

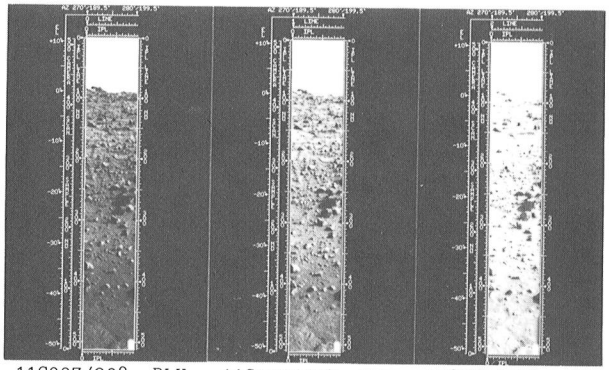


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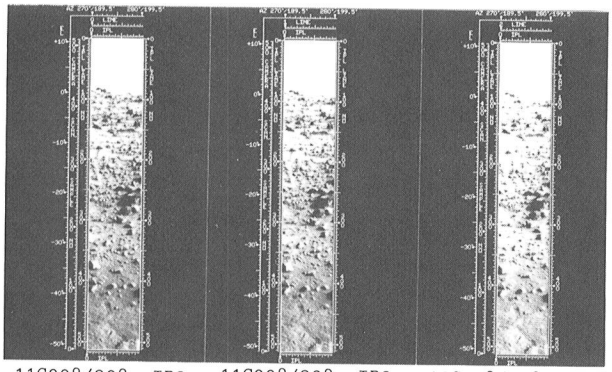
VL-I



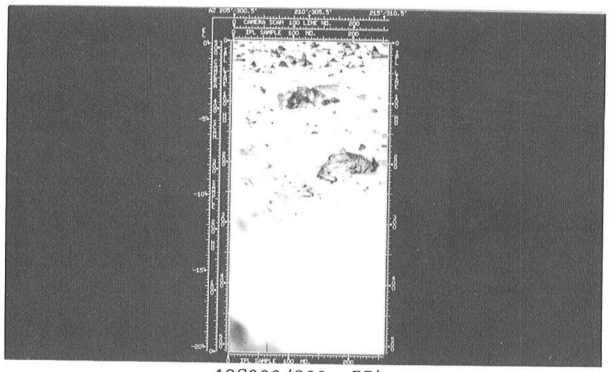
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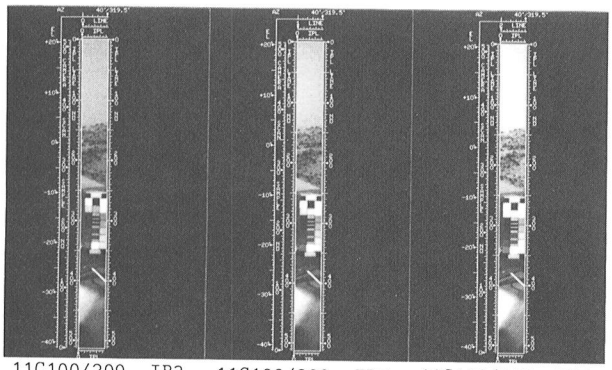
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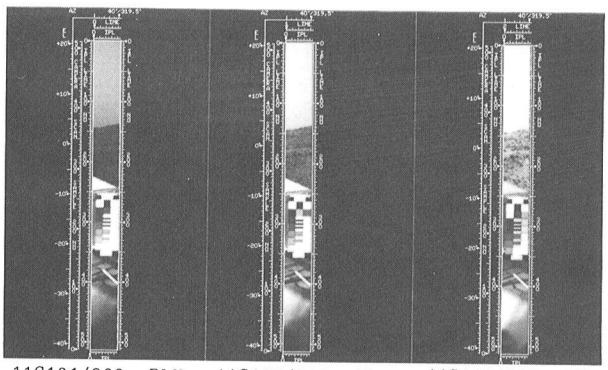
11C098/208 IR3 11C098/208 IR2 11C098/208 IR1



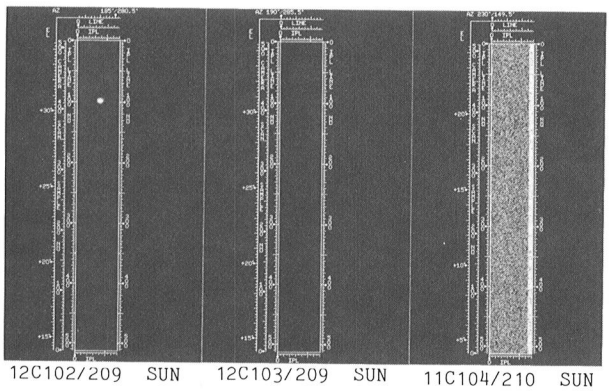
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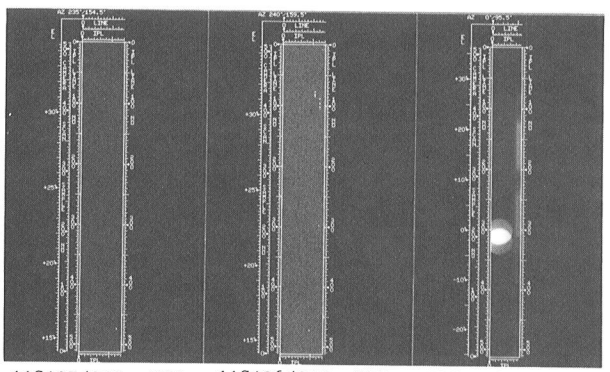
11C100/209 IR3 11C100/209 IR2 11C100/209 IR1



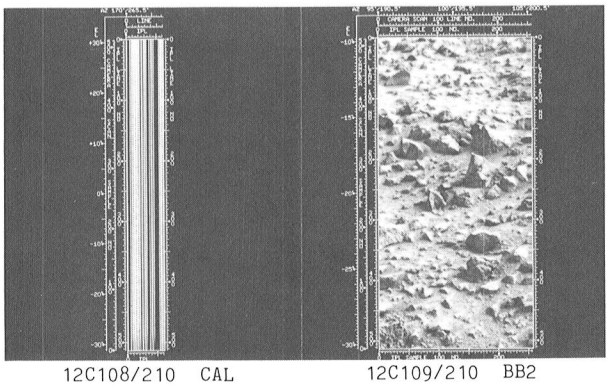
11C101/209 BLU 11C101/209 GRN 11C101/209 RED



12C102/209 SUN 12C103/209 SUN 11C104/210 SUN

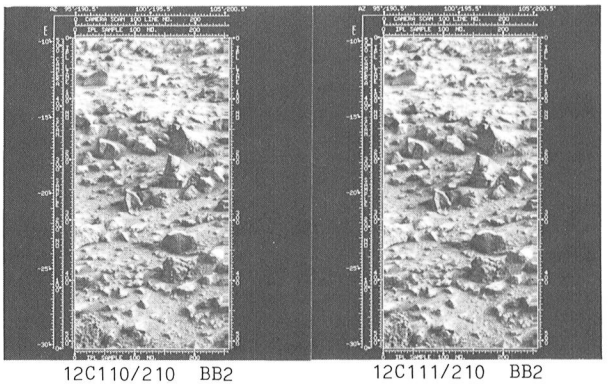


11C105/210 SUN 11C106/210 SUN 12C107/210 BB1



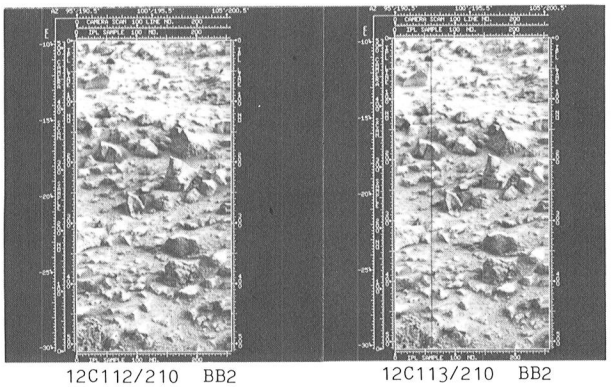
12C108/210 CAL

12C109/210 BB2



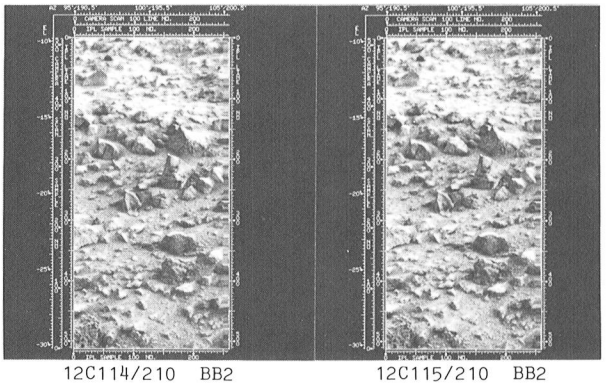
12C110/210 BB2

12C111/210 BB2



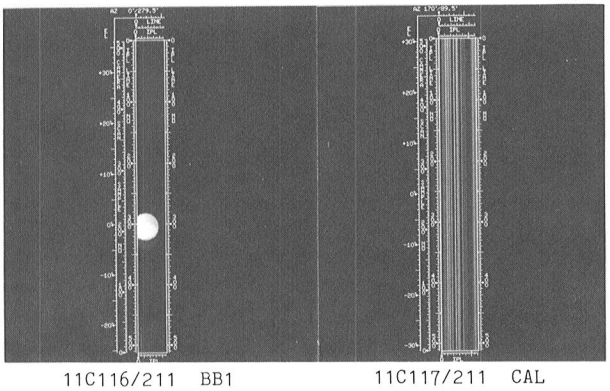
12C112/210 BB2

12C113/210 BB2



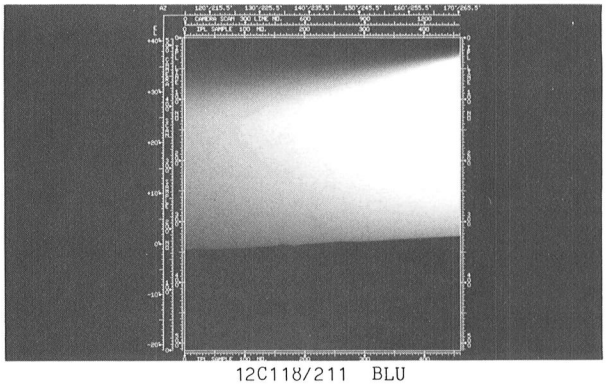
12C114/210 BB2

12C115/210 BB2

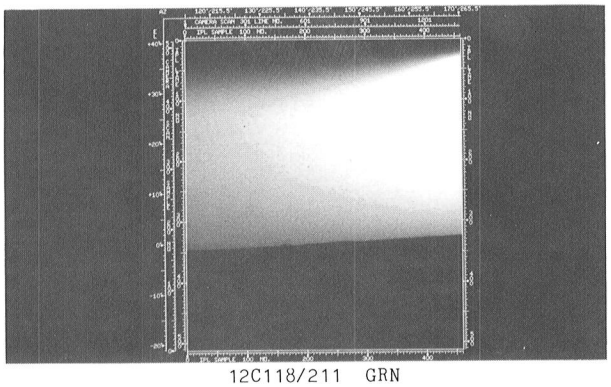


11C116/211 BB1

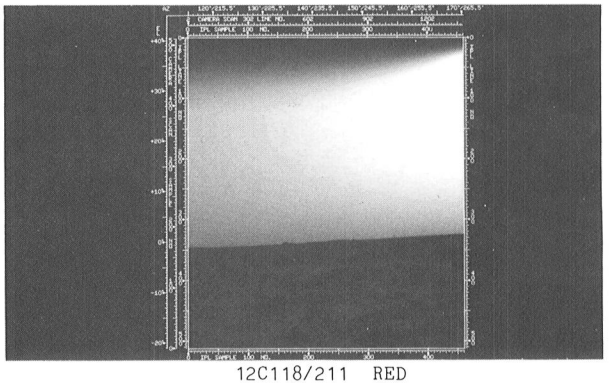
11C117/211 CAL



12C118/211 BLU

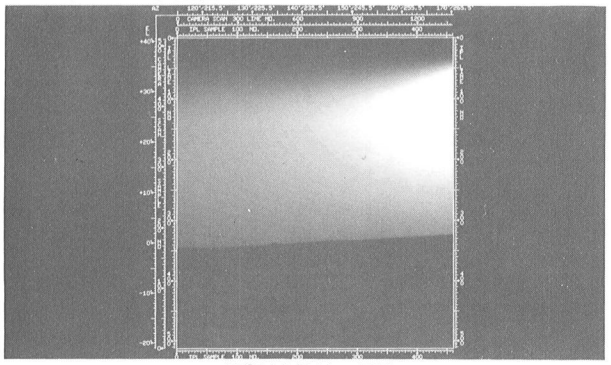


12C118/211 GRN

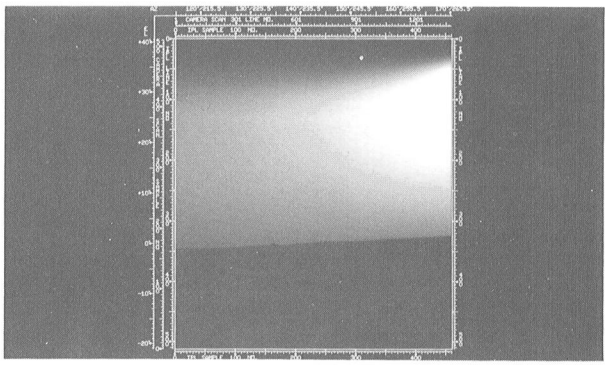


12C118/211 RED

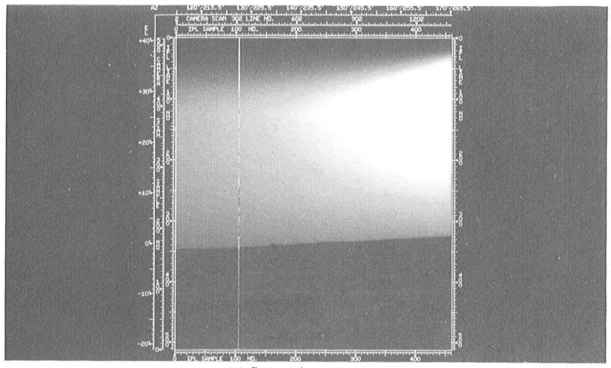
VL-I



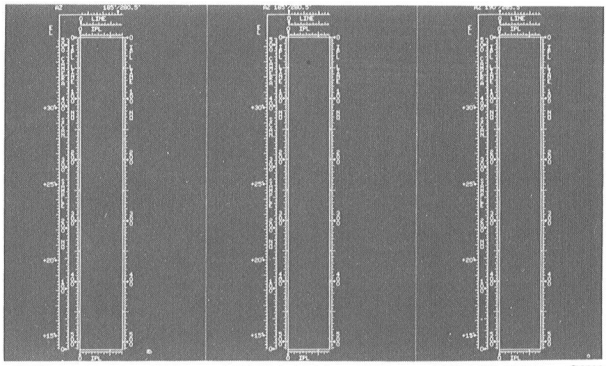
12C119/211 IR3



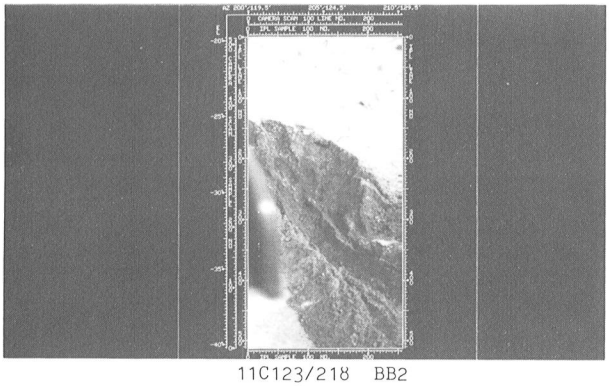
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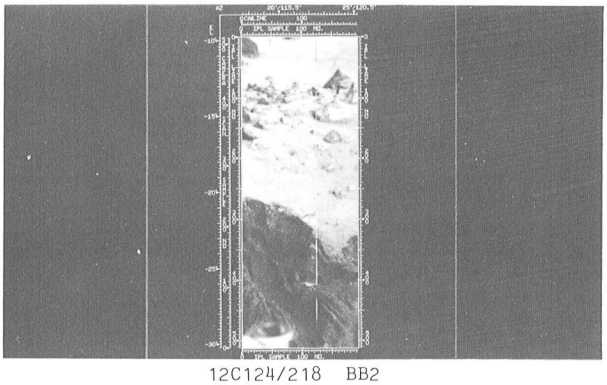
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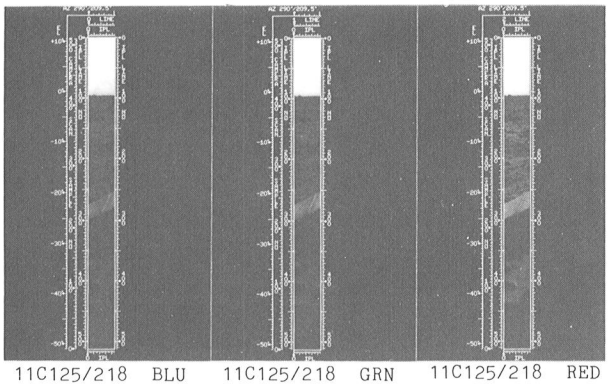
12C120/211 SUN 12C121/211 SUN 12C122/211 SUN



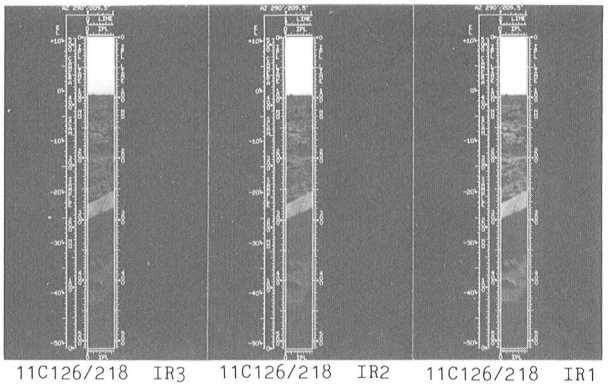
11C123/218 BB2



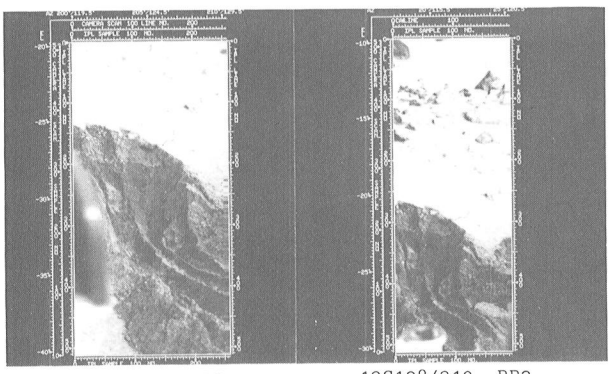
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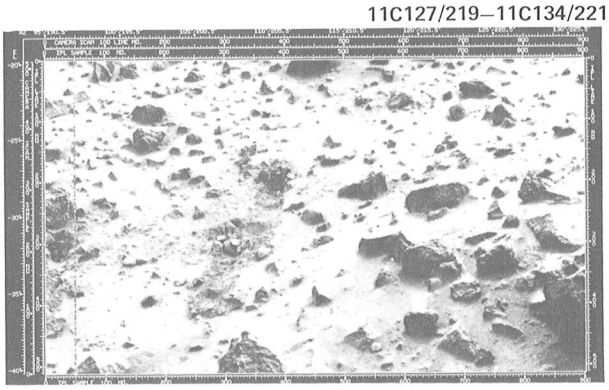
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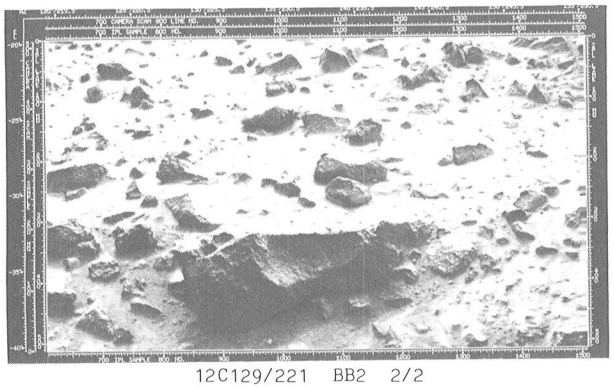
11C126/218 IR3 11C126/218 IR2 11C126/218 IR1



11C127/219 BB2 12C128/219 BB2



12C129/221 BB2 1/2



12C129/221 BB2 2/2



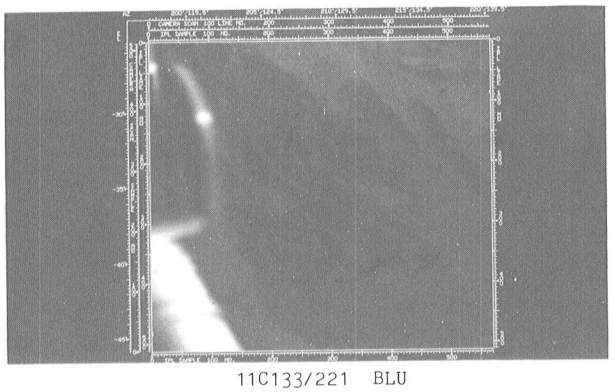
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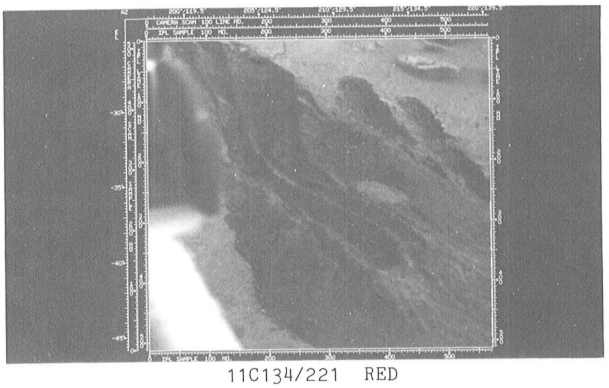
11C131/221 RED



11C132/221 GRN

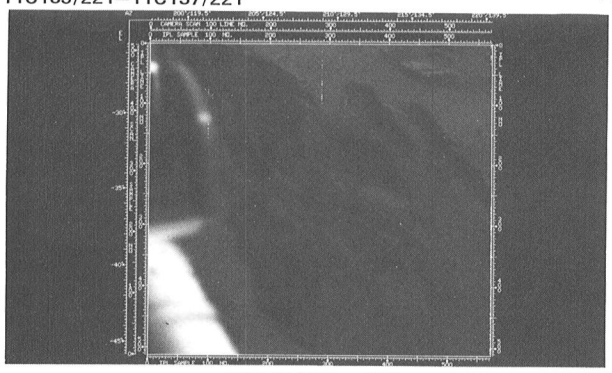


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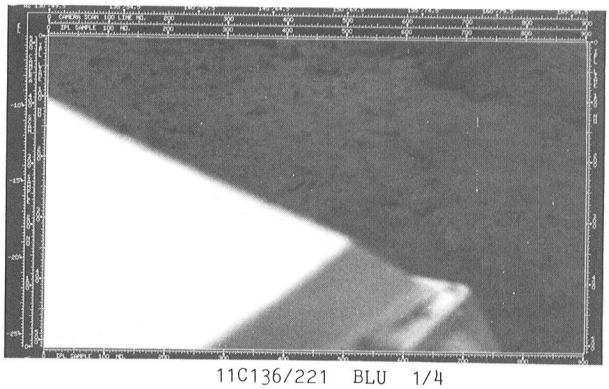


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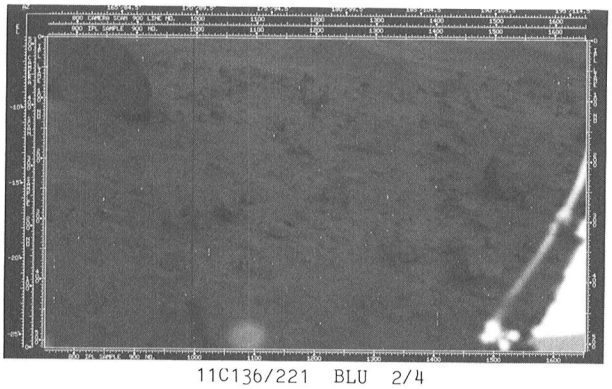
VL-I



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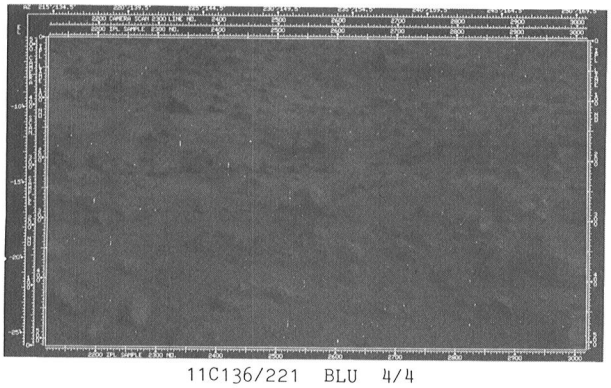
11C136/221 BLU 1/4



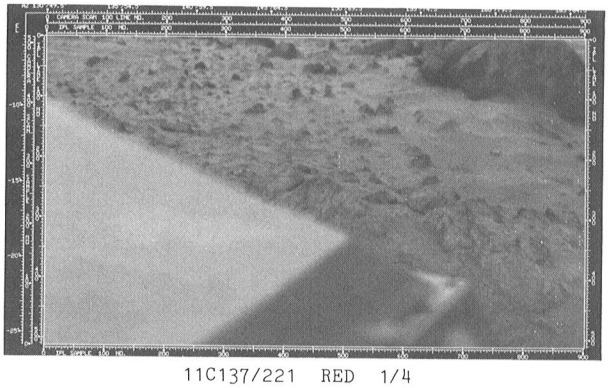
11C136/221 BLU 2/4



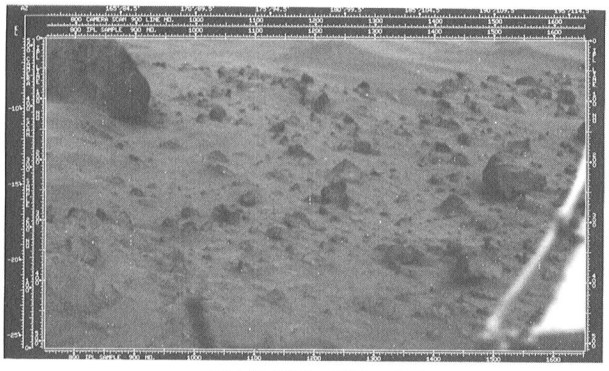
11C136/221 BLU 3/4



11C136/221 BLU 4/4



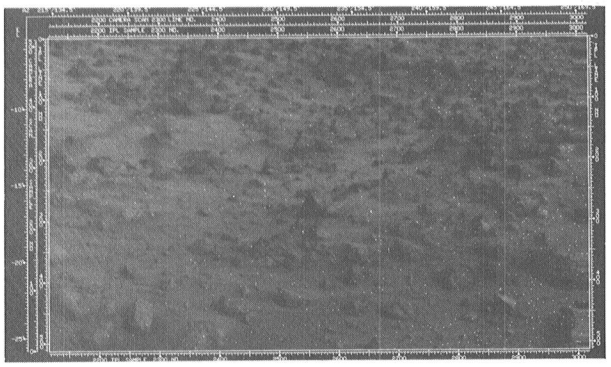
11C137/221 RED 1/4



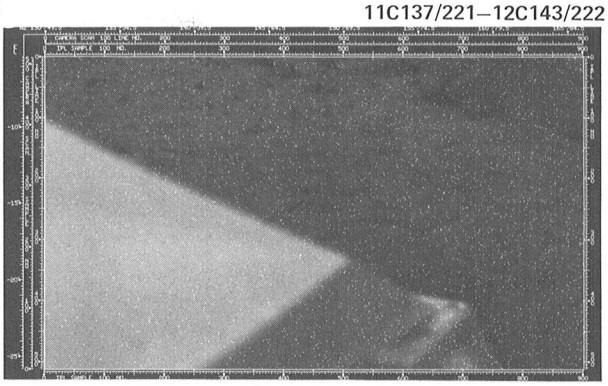
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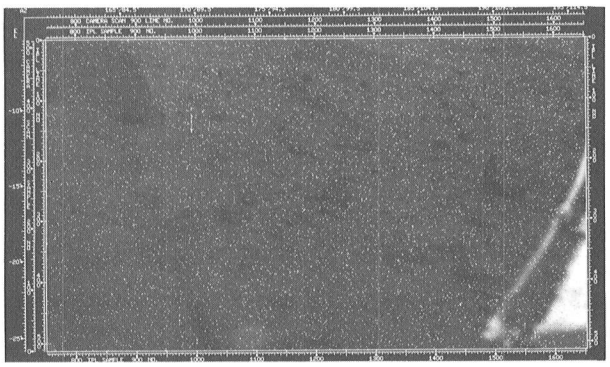
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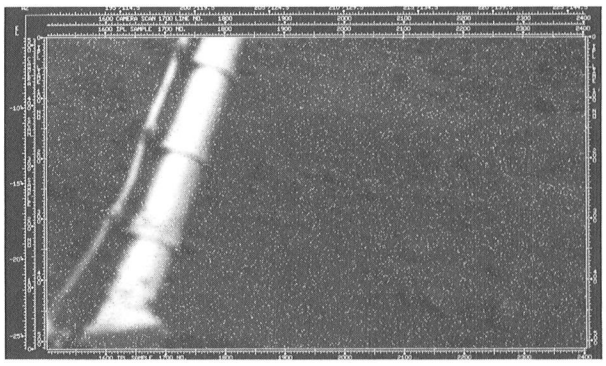
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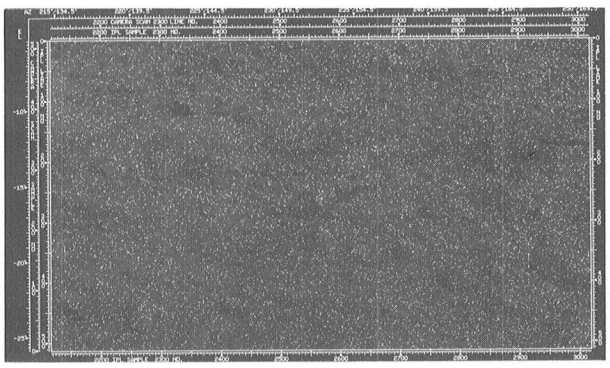
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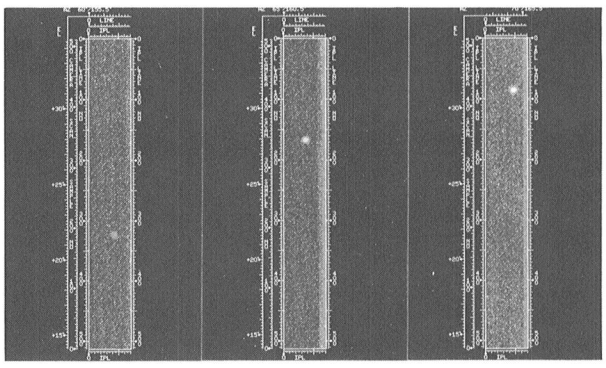
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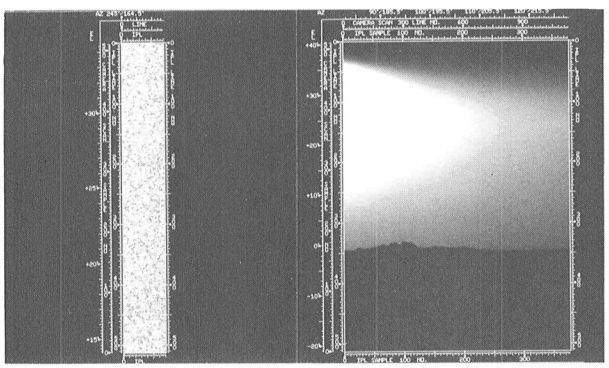
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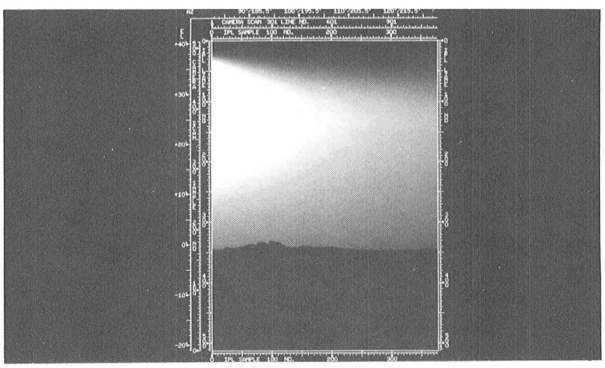
11C138/221 GRN 4/4



12C139/222 SUN 12C140/222 SUN 12C141/222 SUN

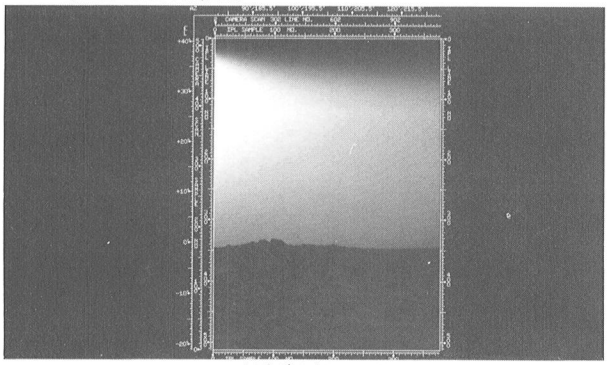


11C142/222 SUN 12C143/222 BLU

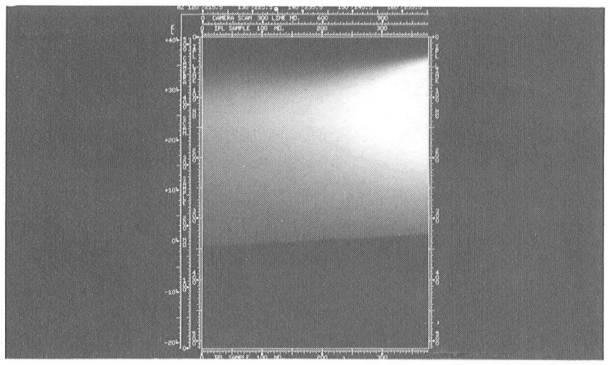


12C143/222 GRN

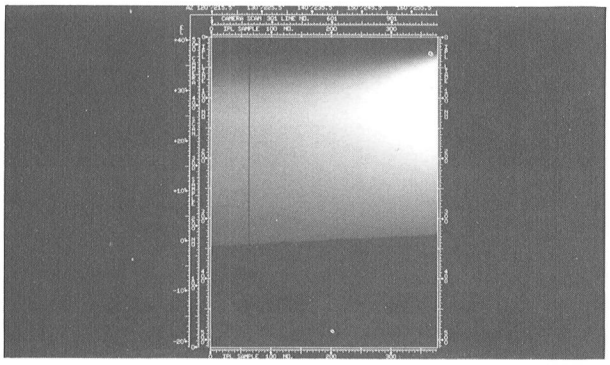
VL-I



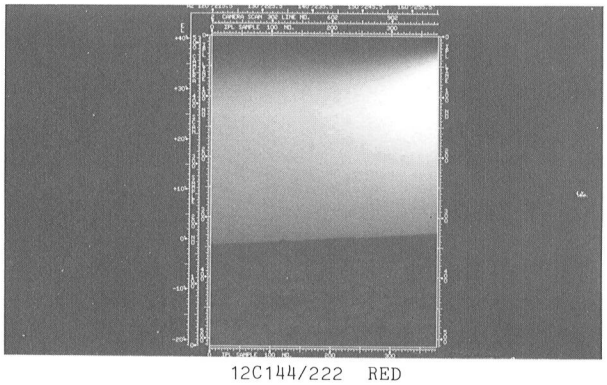
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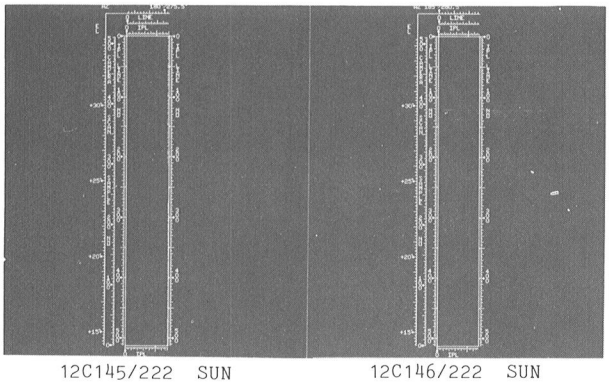
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12C144/222 GRN



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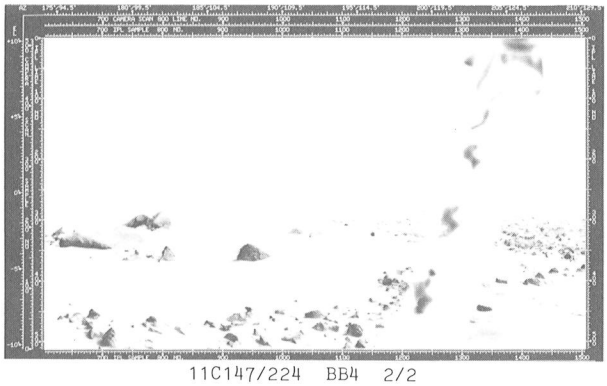


12C145/222 SUN

12C146/222 SUN



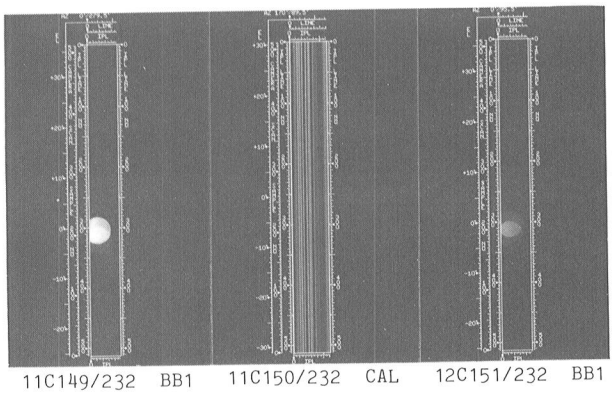
11C147/224 BB4 1/2



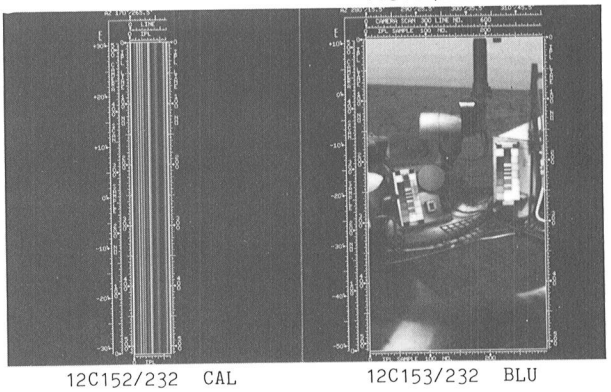
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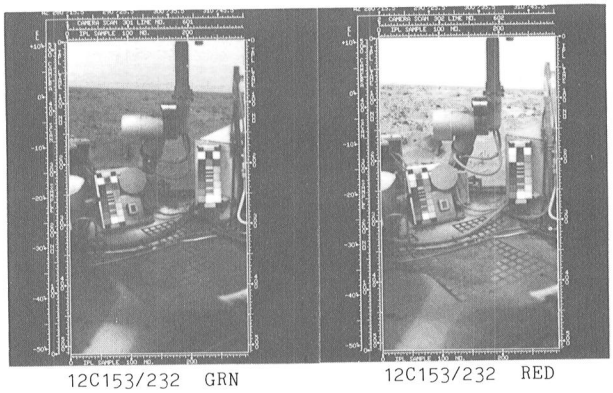
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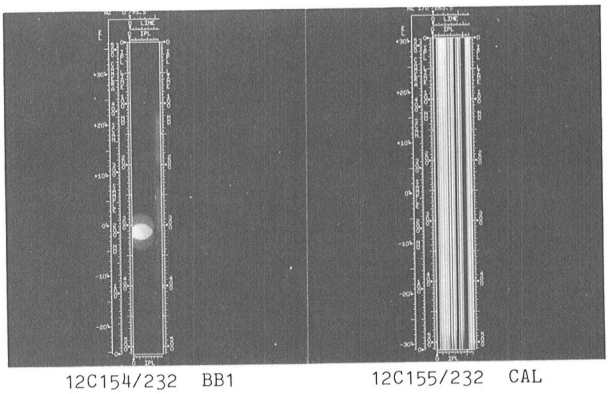
11C149/232 BB1 11C150/232 CAL 12C151/232 BB1



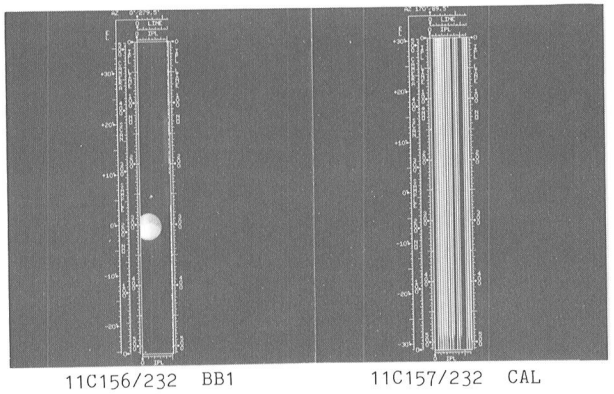
12C152/232 CAL 12C153/232 BLU



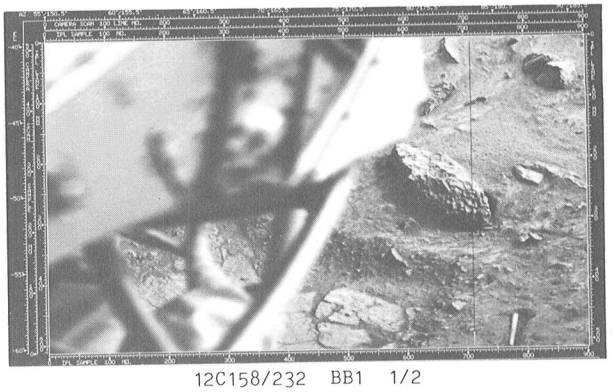
12C153/232 GRN 12C153/232 RED



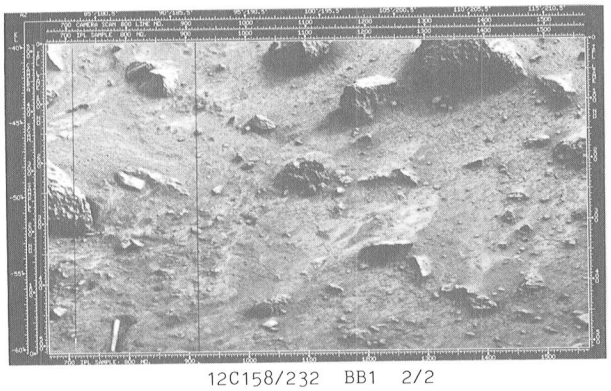
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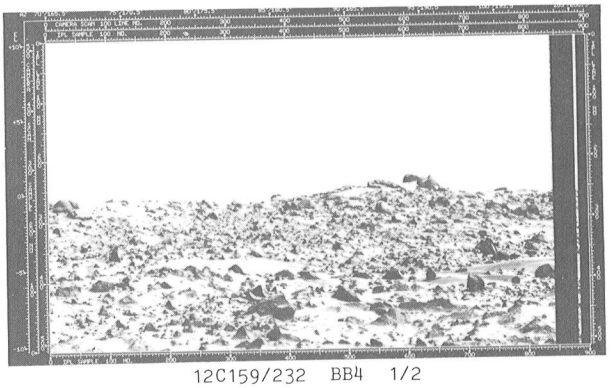
11C156/232 BB1 11C157/232 CAL



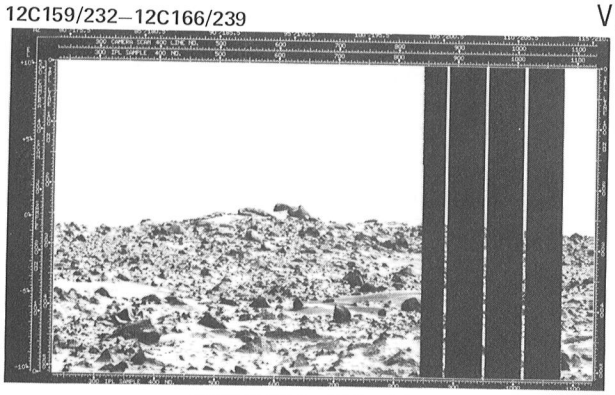
12C158/232 BB1 1/2



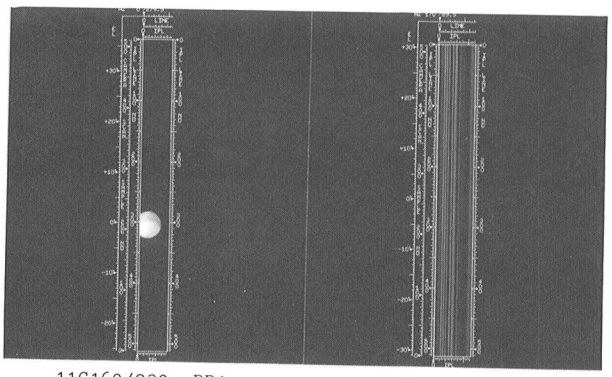
12C158/232 BB1 2/2



12C159/232 BB4 1/2



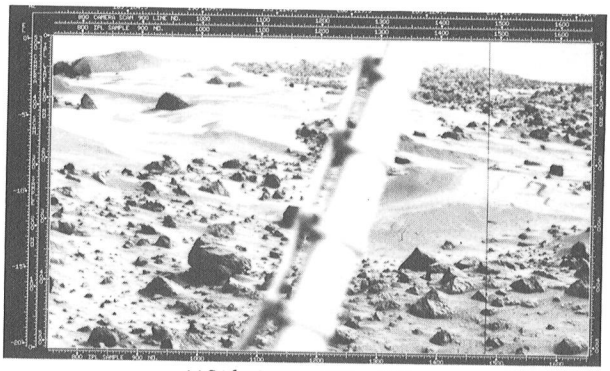
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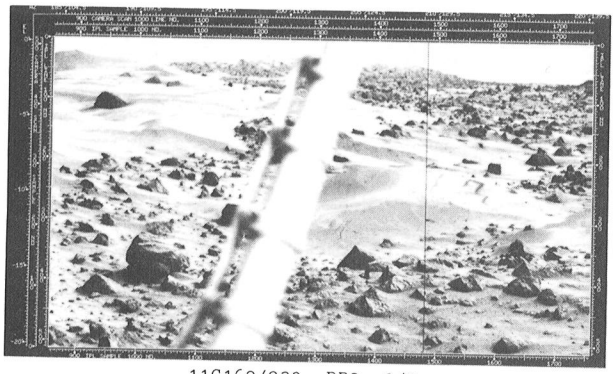
11C160/239 BB1 11C161/239 CAL



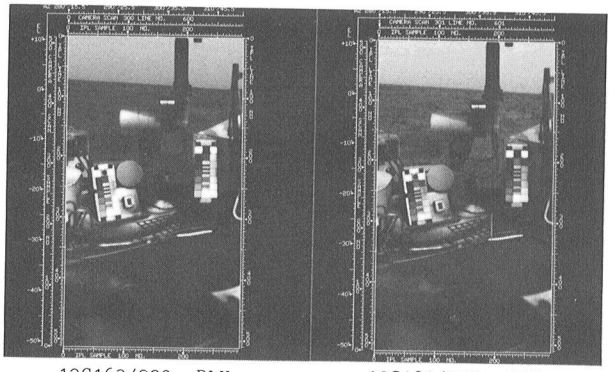
11C162/239 BB3 1/3



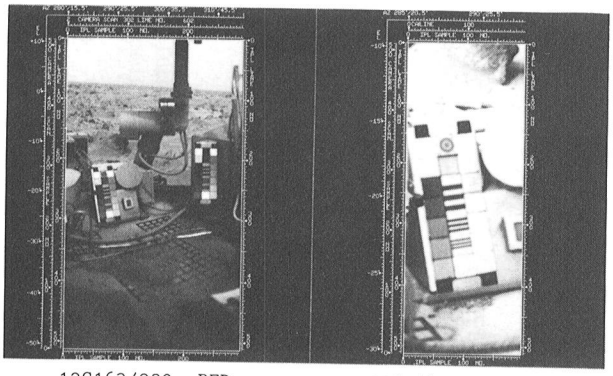
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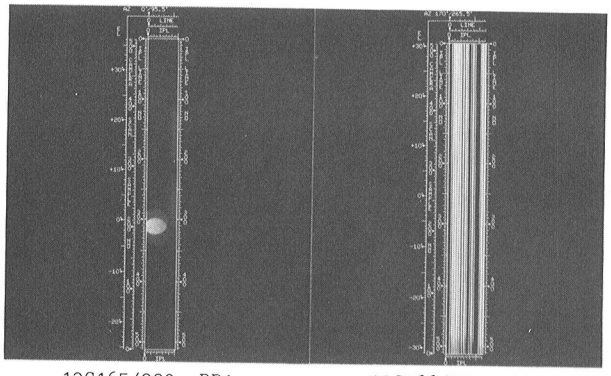
11C162/239 BB3 3/3



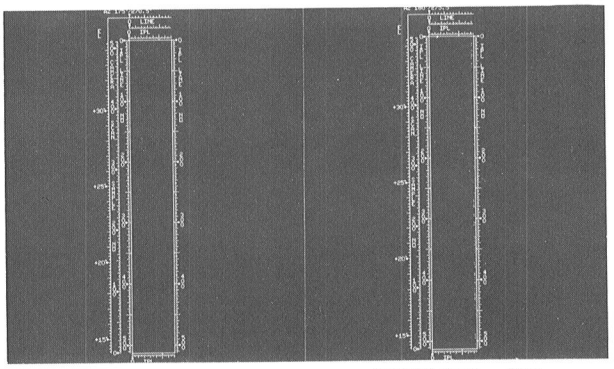
12C163/239 BLU 12C163/239 GRN



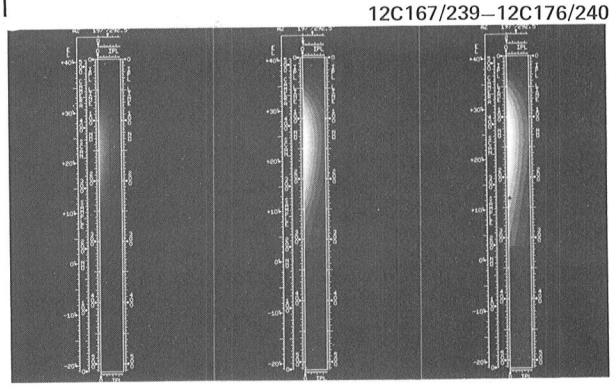
12C163/239 RED 12C164/239 BB1



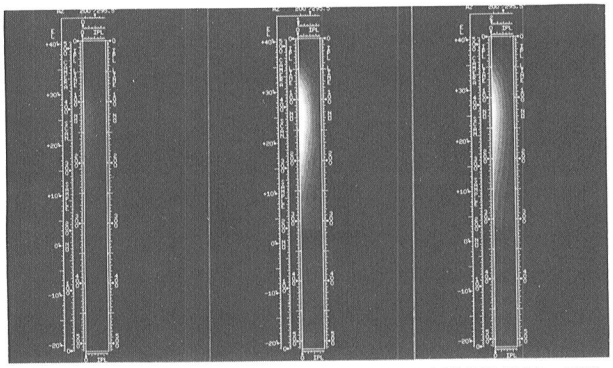
12C165/239 BB1 12C166/239 CAL



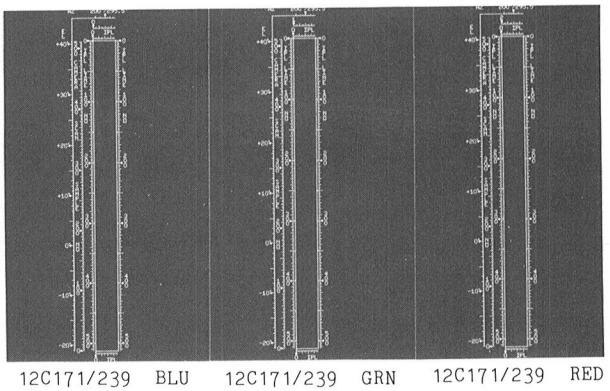
12C167/239 SUN 12C168/239 SUN



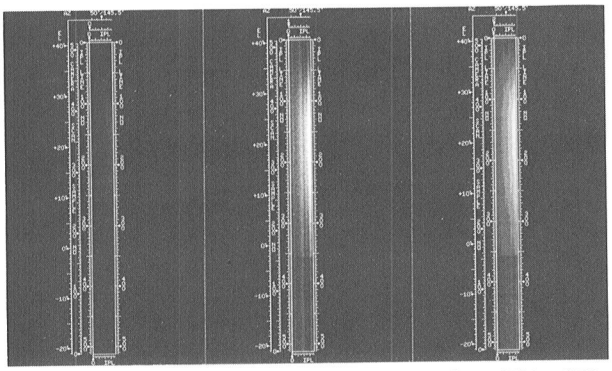
12C169/239 BLU 12C169/239 GRN 12C169/239 RED



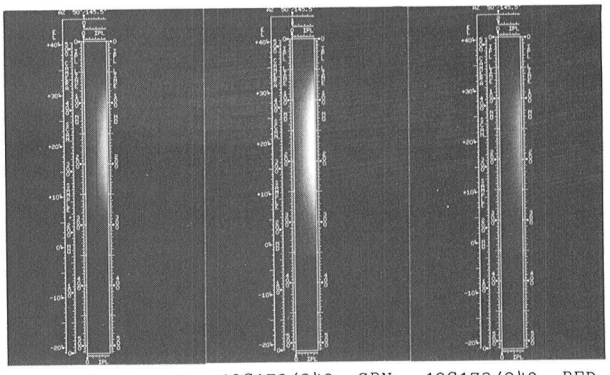
12C170/239 BLU 12C170/239 GRN 12C170/239 RED



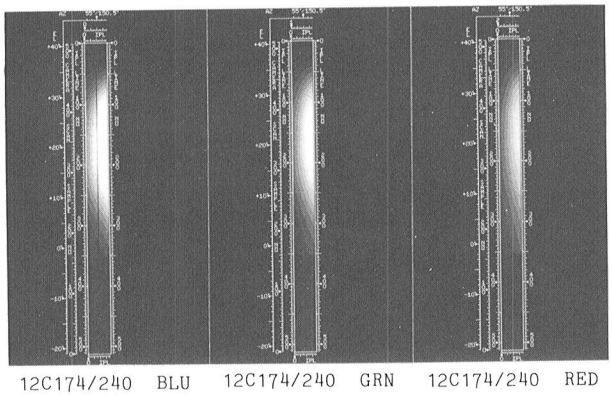
12C171/239 BLU 12C171/239 GRN 12C171/239 RED



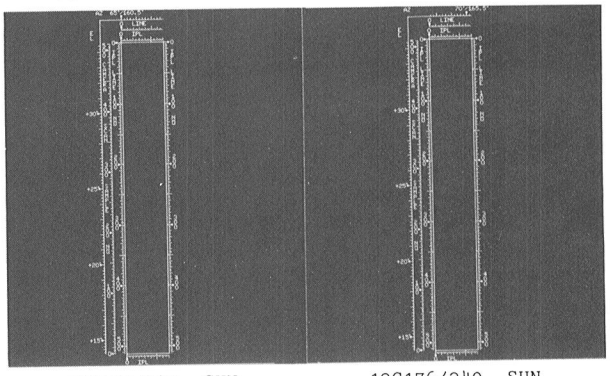
12C172/240 BLU 12C172/240 GRN 12C172/240 RED



12C173/240 BLU 12C173/240 GRN 12C173/240 RED

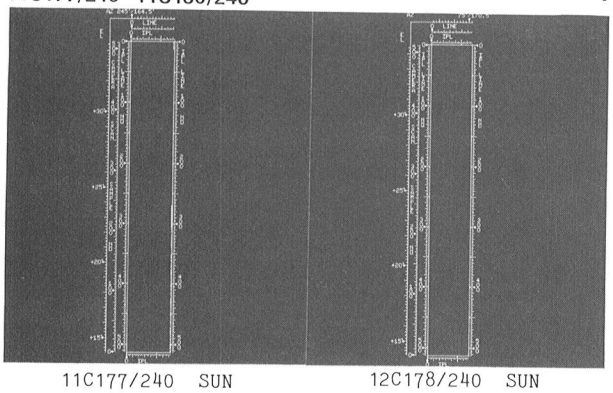


12C174/240 BLU 12C174/240 GRN 12C174/240 RED



12C175/240 SUN 12C176/240 SUN

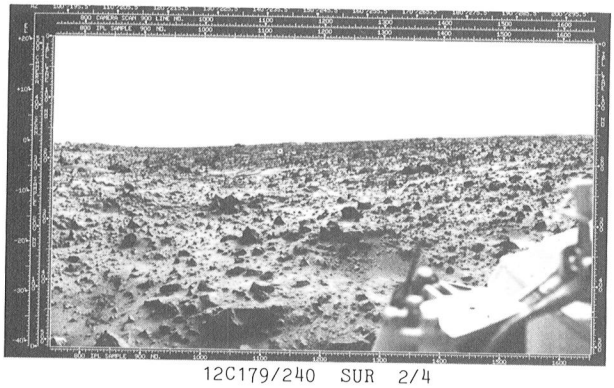
VL-I



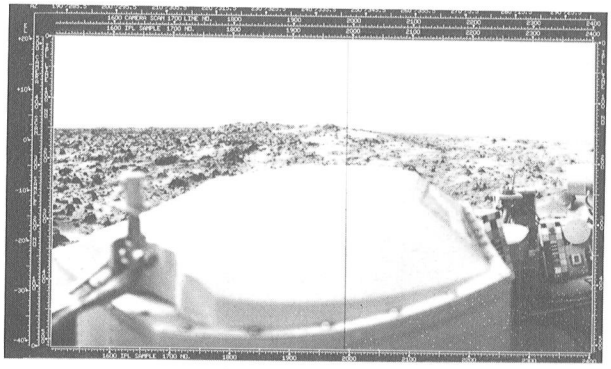
11C177/240 SUN 12C178/240 SUN



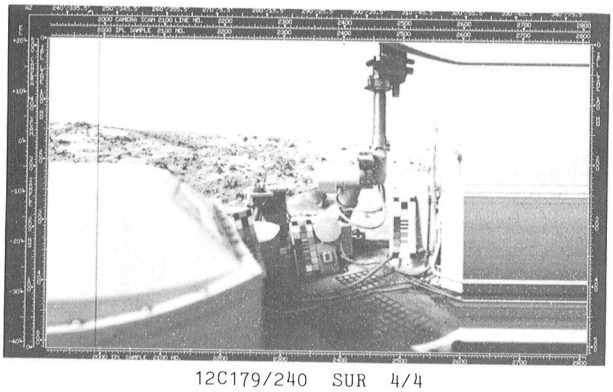
12C179/240 SUR 1/4



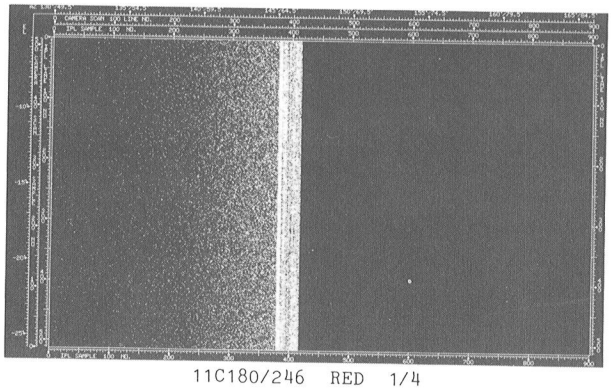
12C179/240 SUR 2/4



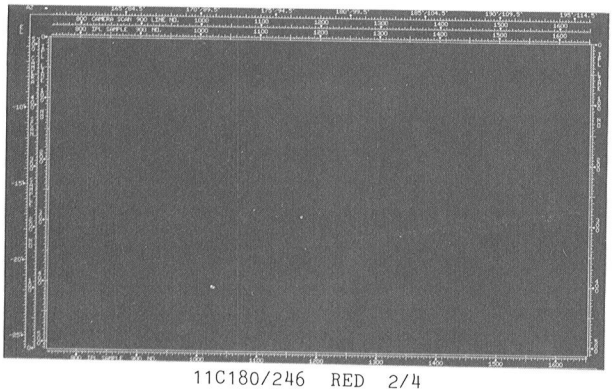
12C179/240 SUR 3/4



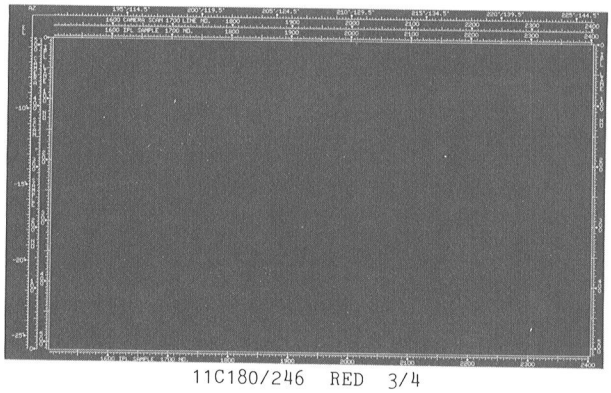
12C179/240 SUR 4/4



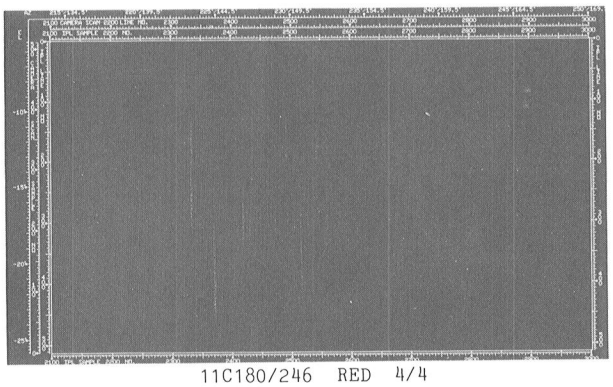
11C180/246 RED 1/4



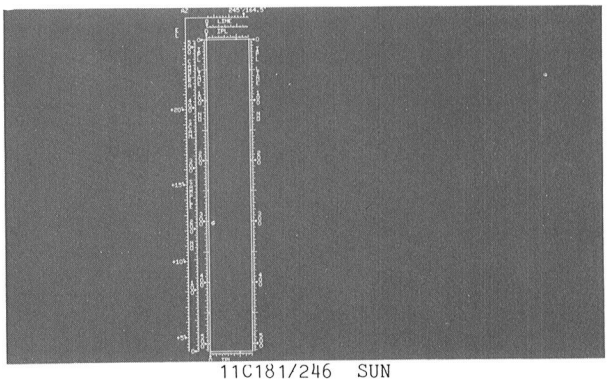
11C180/246 RED 2/4



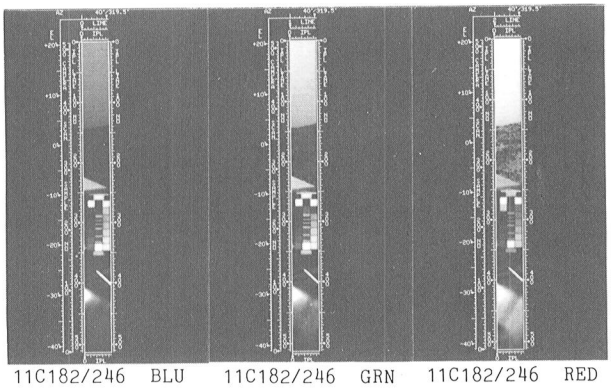
11C180/246 RED 3/4



11C180/246 RED 4/4



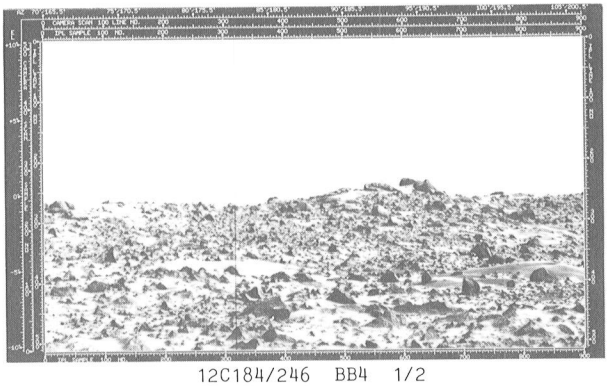
11C181/246 SUN



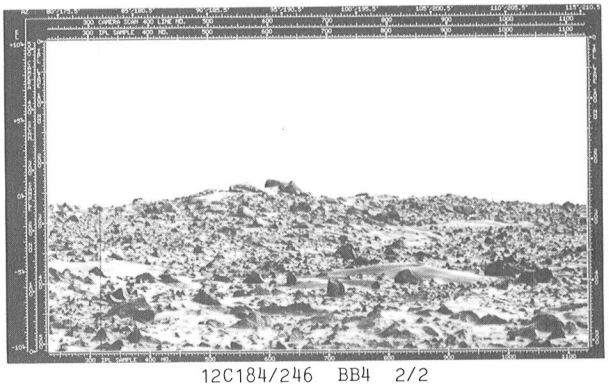
11C182/246 BLU 11C182/246 GRN 11C182/246 RED



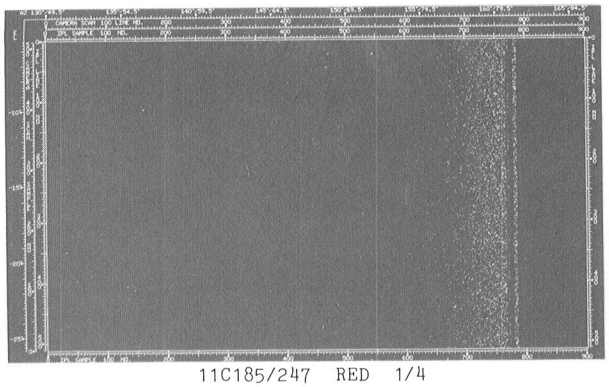
12C183/246 BB3



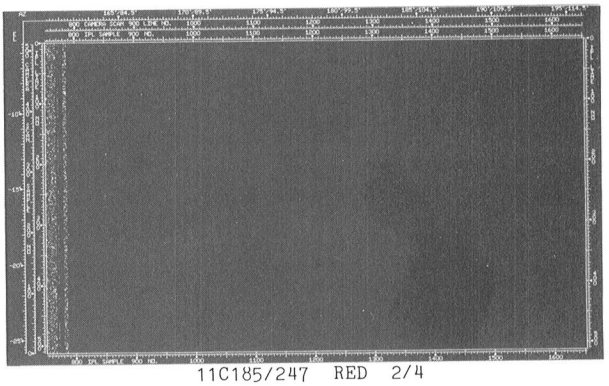
12C184/246 BB4 1/2



12C184/246 BB4 2/2

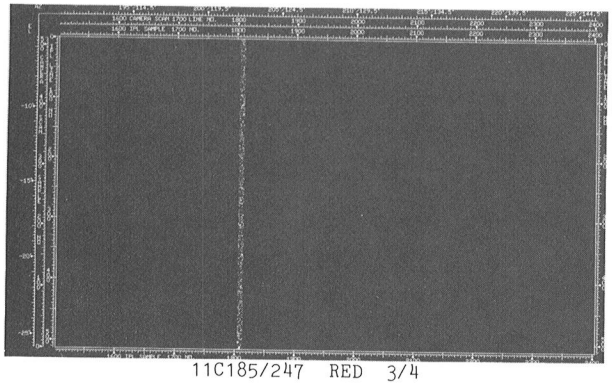


11C185/247 RED 1/4

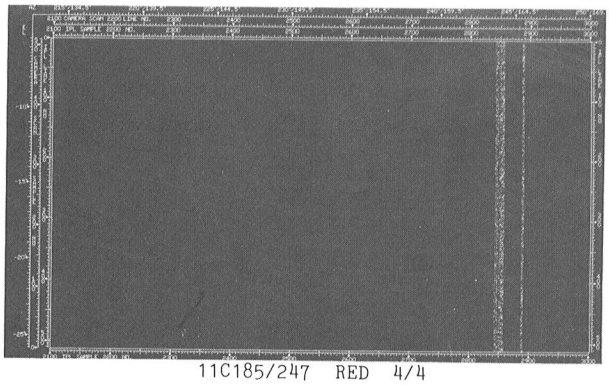


11C185/247 RED 2/4

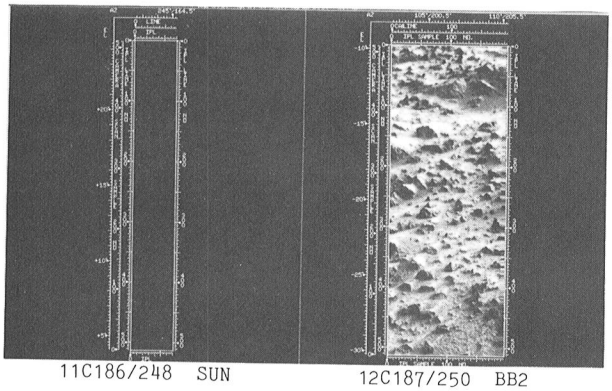
VL-I



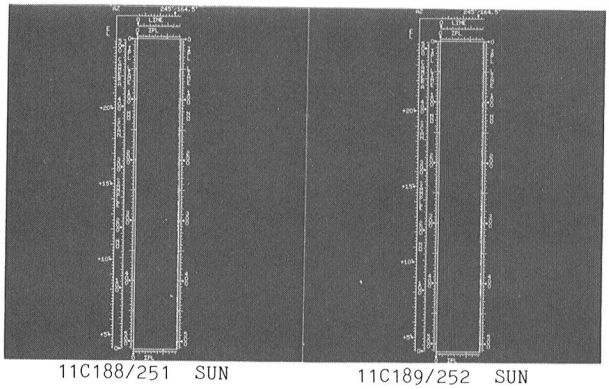
11C185/247 RED 3/4



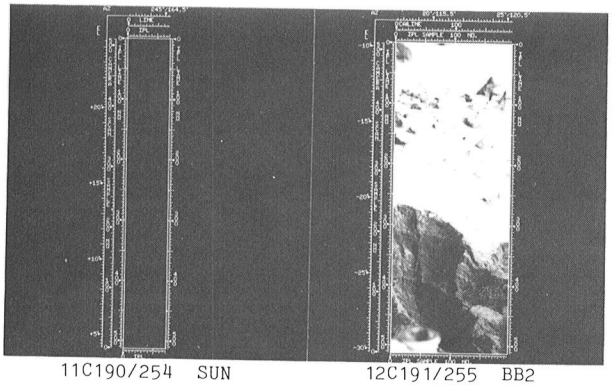
11C185/247 RED 4/4



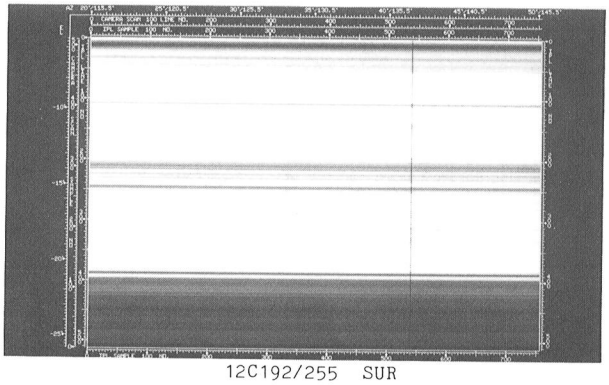
11C186/248 SUN 12C187/250 BB2



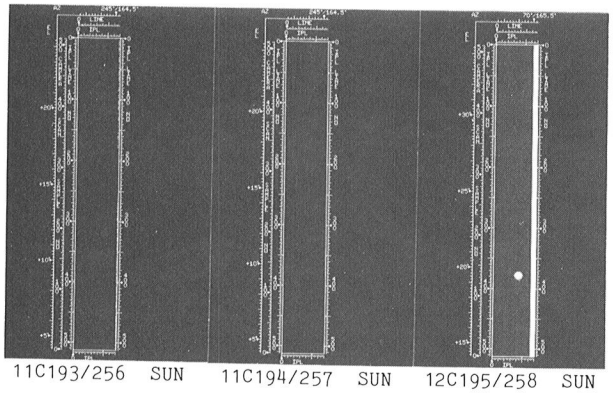
11C188/251 SUN 11C189/252 SUN



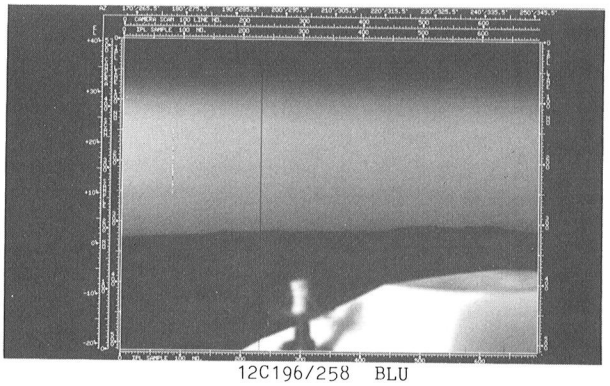
11C190/254 SUN 12C191/255 BB2



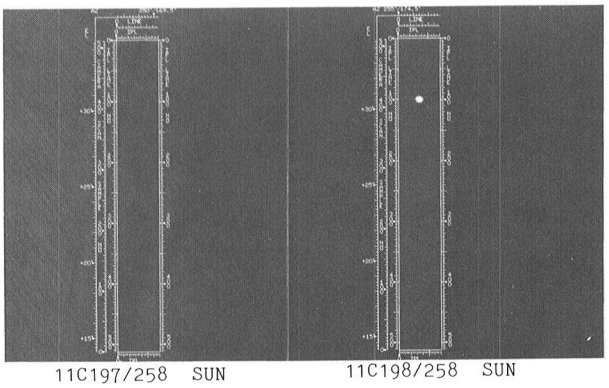
12C192/255 SUR



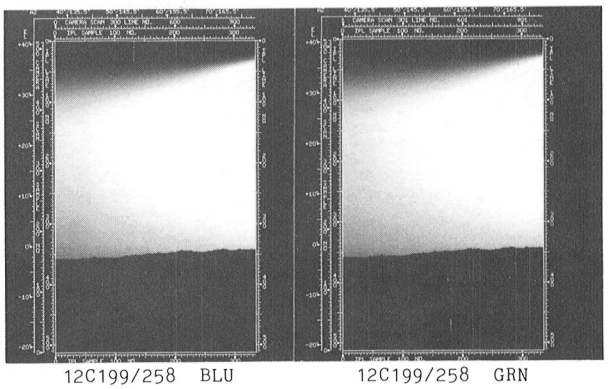
11C193/256 SUN 11C194/257 SUN 12C195/258 SUN



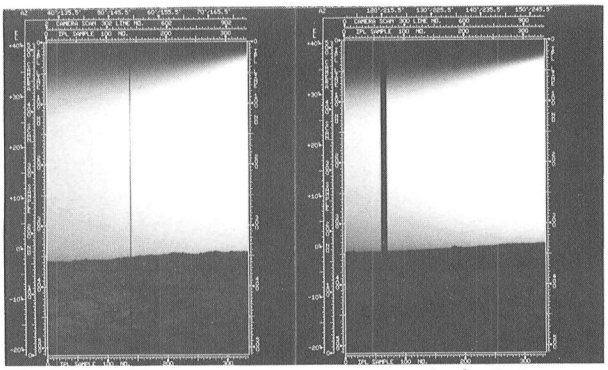
12C196/258 BLU



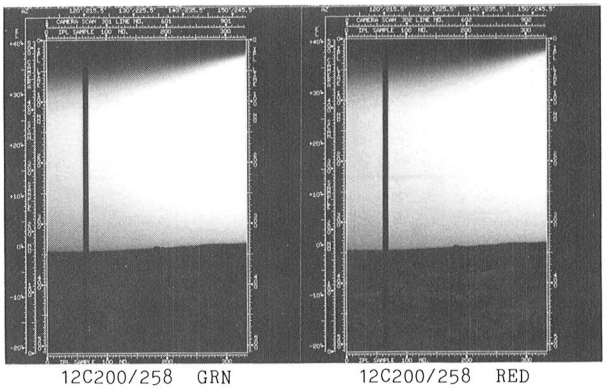
11C197/258 SUN 11C198/258 SUN



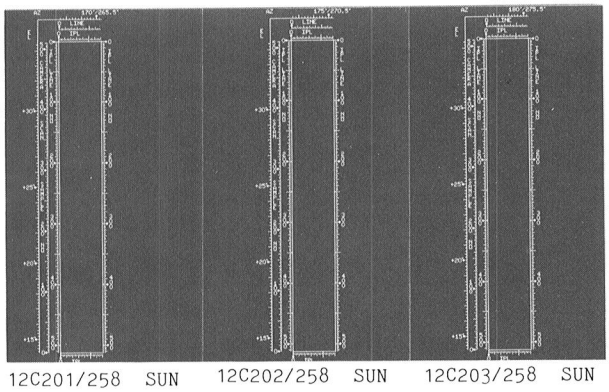
12C199/258 BLU 12C199/258 GRN



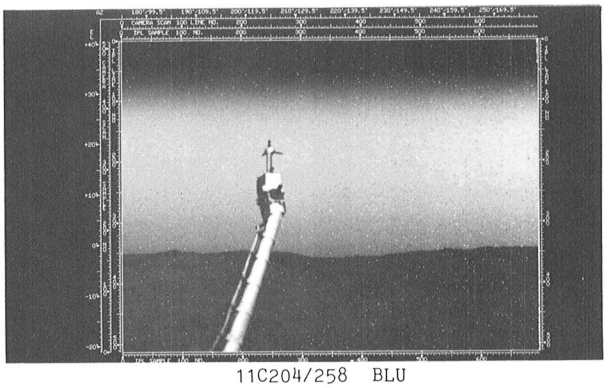
12C199/258 RED 12C200/258 BLU



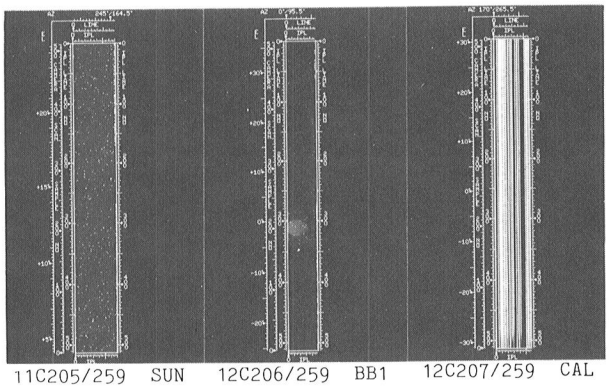
12C200/258 GRN 12C200/258 RED



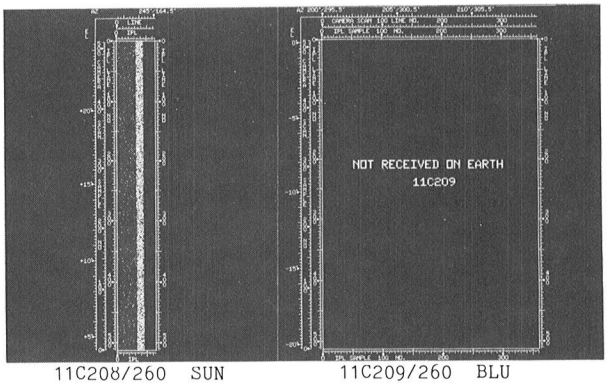
12C201/258 SUN 12C202/258 SUN 12C203/258 SUN



11C204/258 BLU

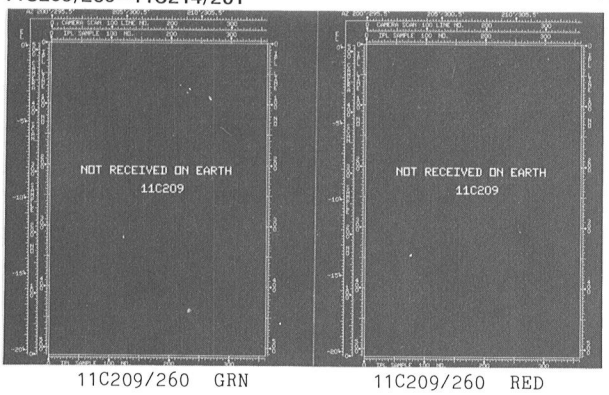


11C205/259 SUN 12C206/259 BB1 12C207/259 CAL

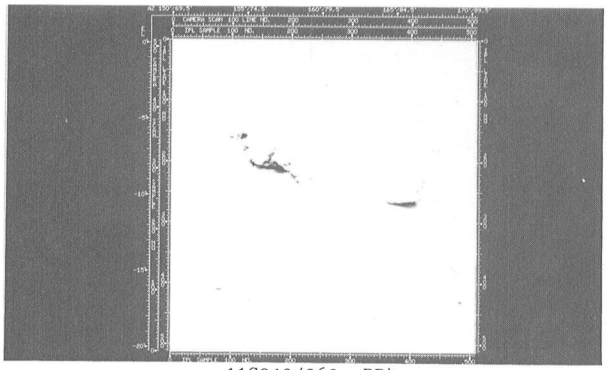


11C208/260 SUN 11C209/260 BLU

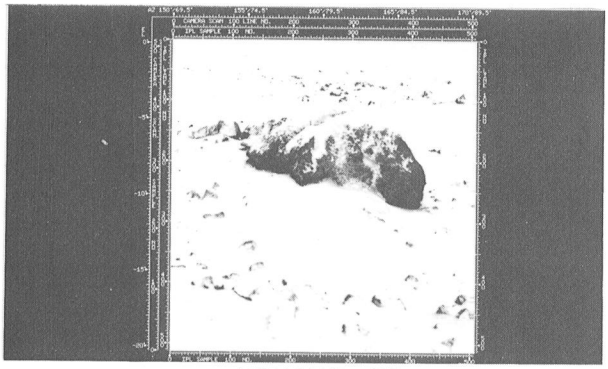
VL-I



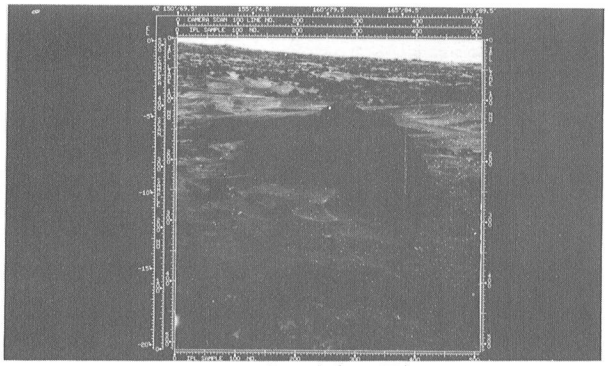
11C209/260 GRN 11C209/260 RED



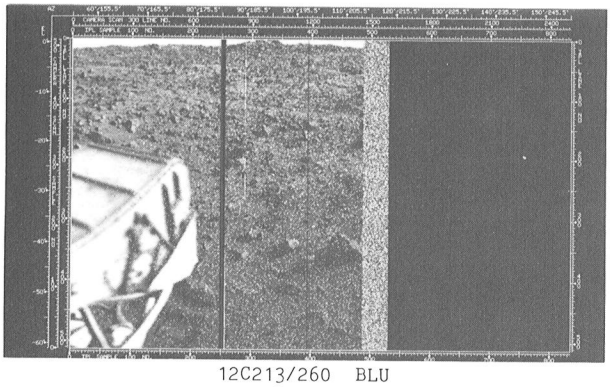
11C210/260 BB4



11C211/260 BB4



11C212/260 BB4



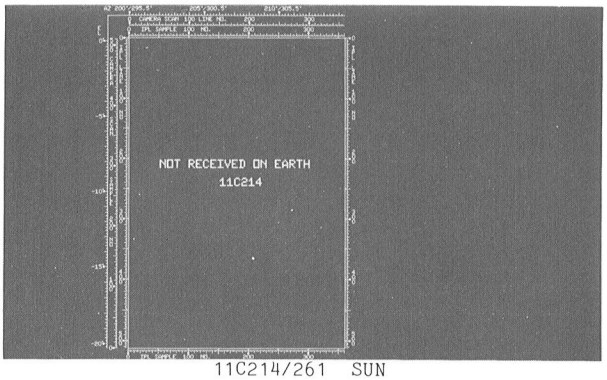
12C213/260 BLU



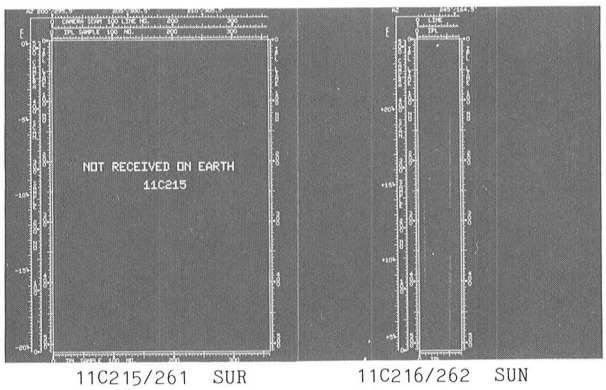
12C213/260 GRN



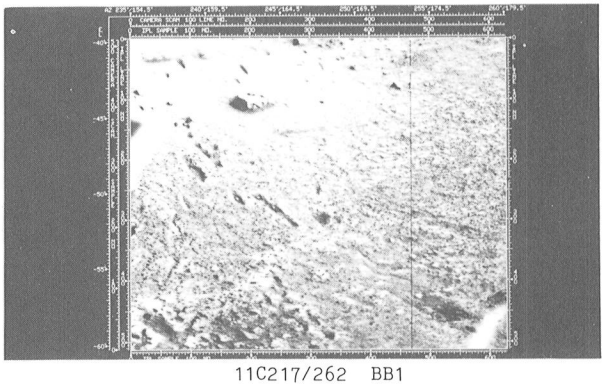
12C213/260 RED



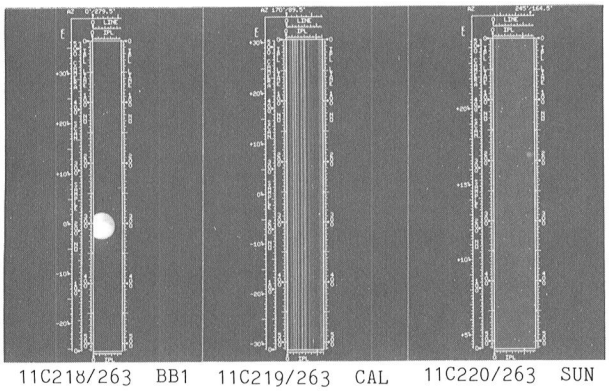
11C214/261 SUN



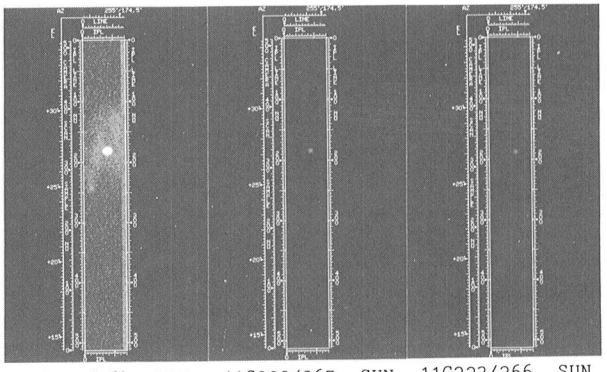
11C215/261 SUR 11C216/262 SUN



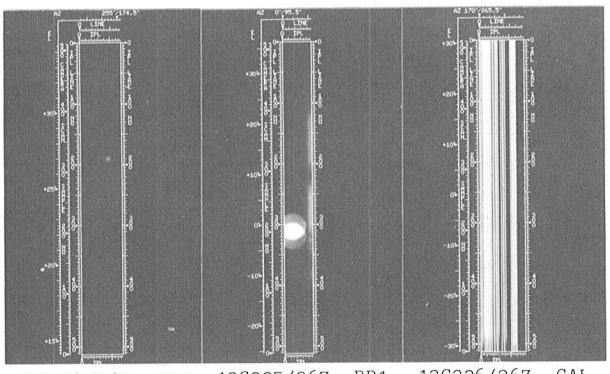
11C217/262 BB1



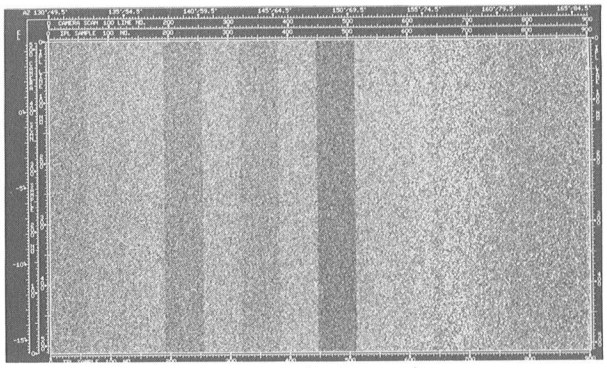
11C218/263 BB1 11C219/263 CAL 11C220/263 SUN



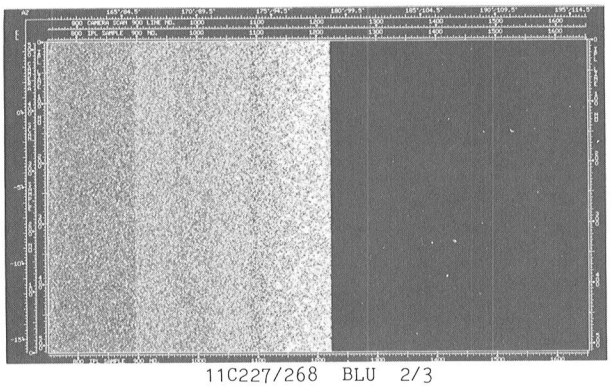
11C221/264 SUN 11C222/265 SUN 11C223/266 SUN



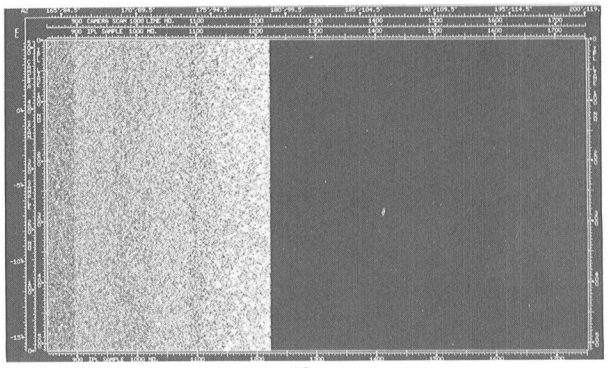
11C224/267 SUN 12C225/267 BB1 12C226/267 CAL



11C227/268 BLU 1/3

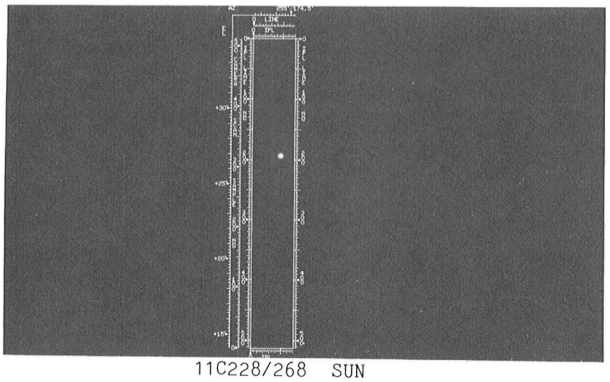


11C227/268 BLU 2/3

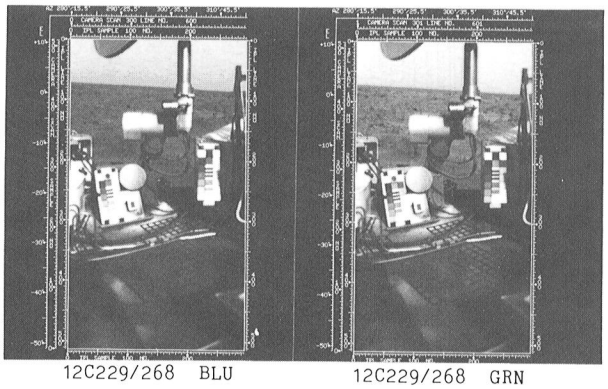


11C227/268 BLU 3/3

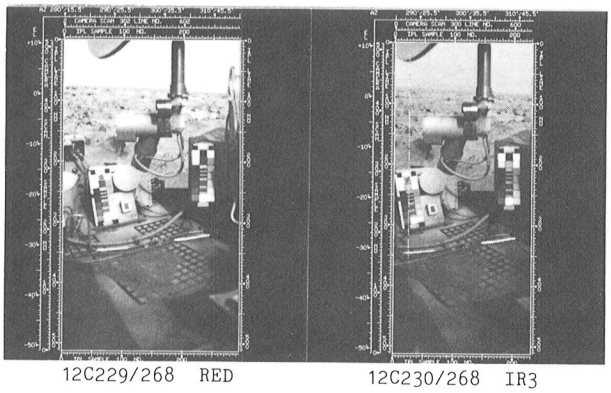
VL-I



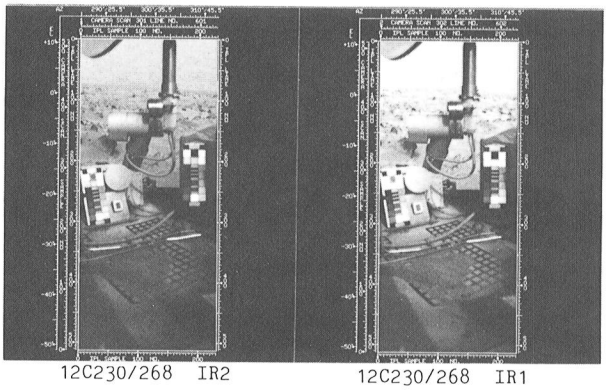
11C228/268 SUN



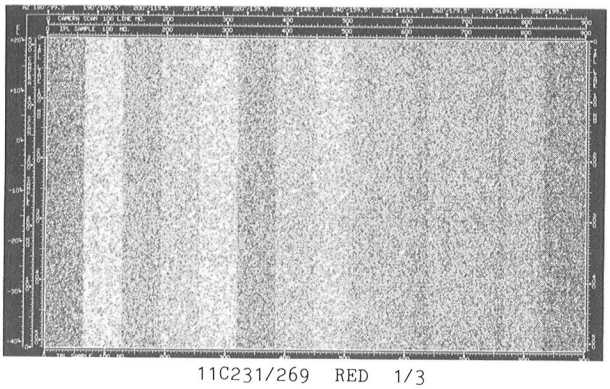
12C229/268 BLU 12C229/268 GRN



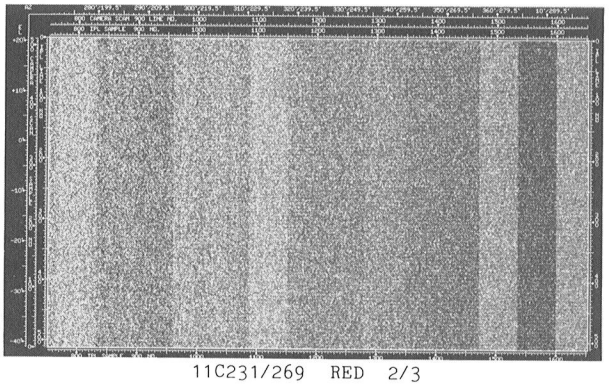
12C229/268 RED 12C230/268 IR3



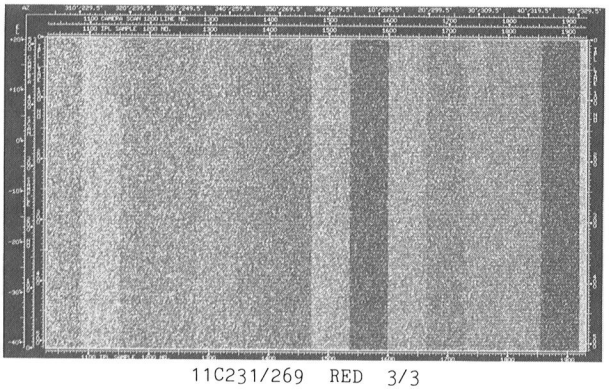
12C230/268 IR2 12C230/268 IR1



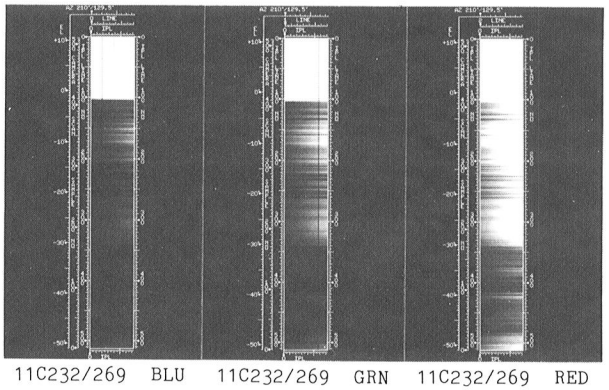
11C231/269 RED 1/3



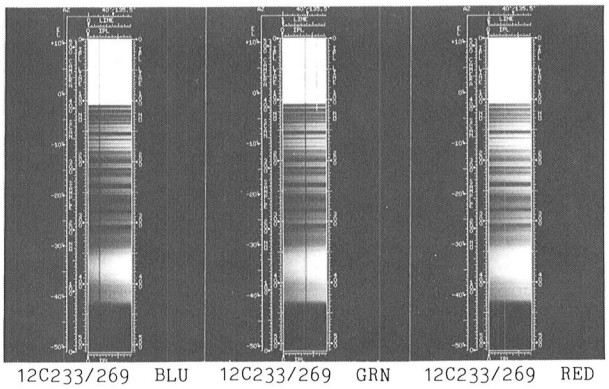
11C231/269 RED 2/3



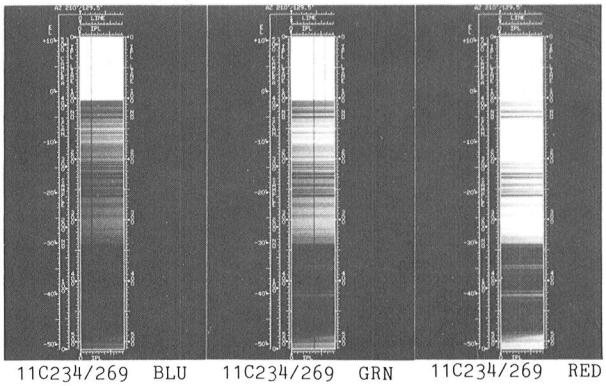
11C231/269 RED 3/3



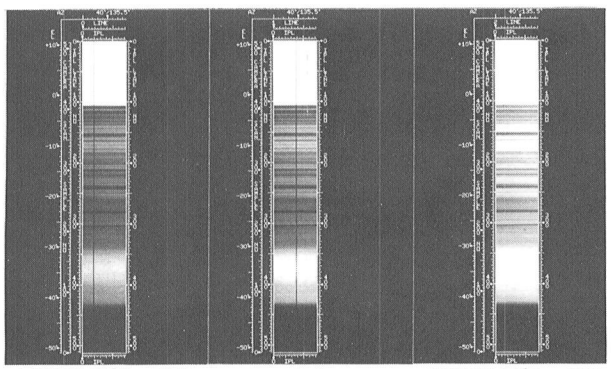
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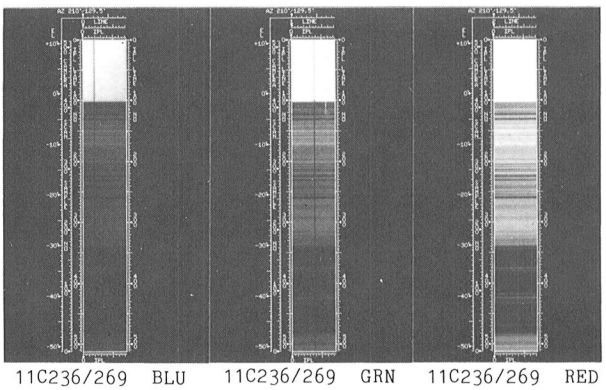
12C233/269 BLU 12C233/269 GRN 12C233/269 RED



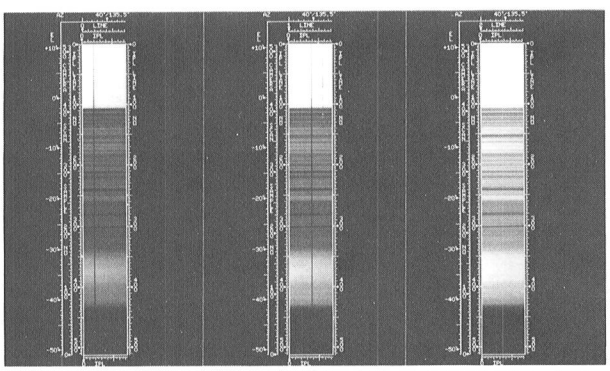
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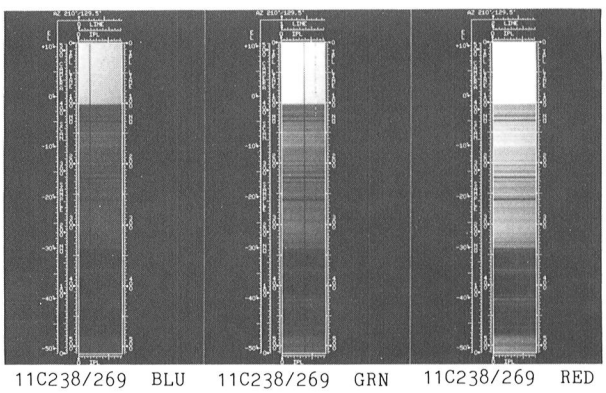
12C235/269 BLU 12C235/269 GRN 12C235/269 RED



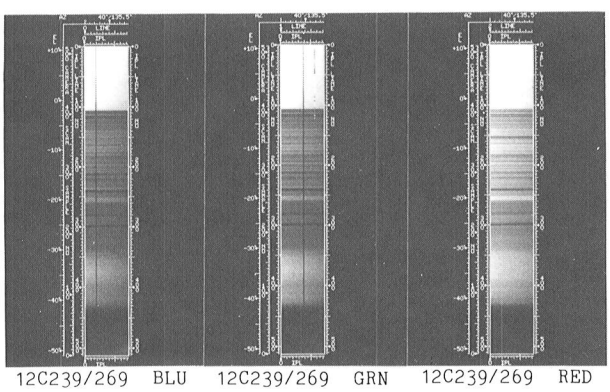
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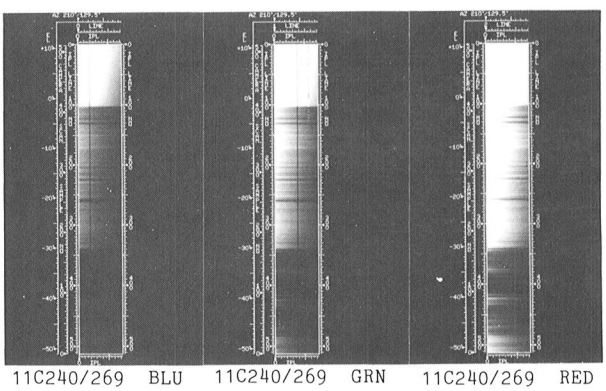
12C237/269 BLU 12C237/269 GRN 12C237/269 RED



11C238/269 BLU 11C238/269 GRN 11C238/269 RED

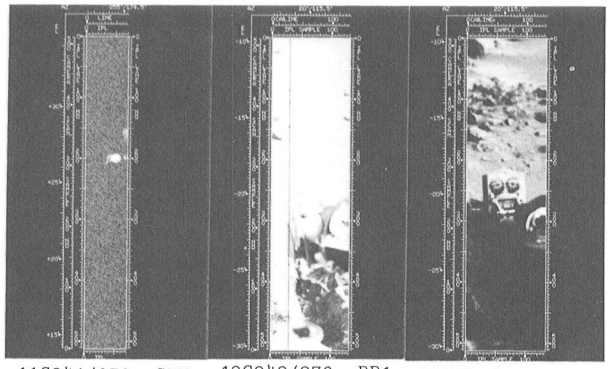


12C239/269 BLU 12C239/269 GRN 12C239/269 RED

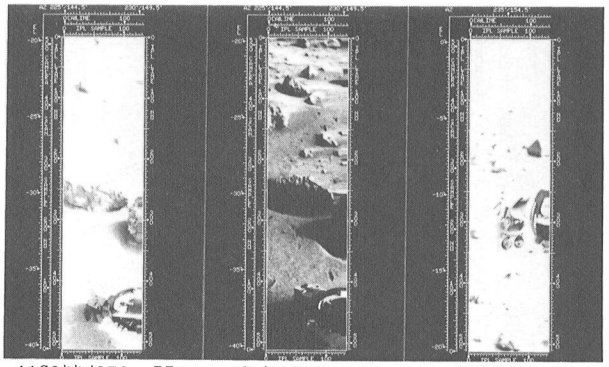


11C240/269 BLU 11C240/269 GRN 11C240/269 RED

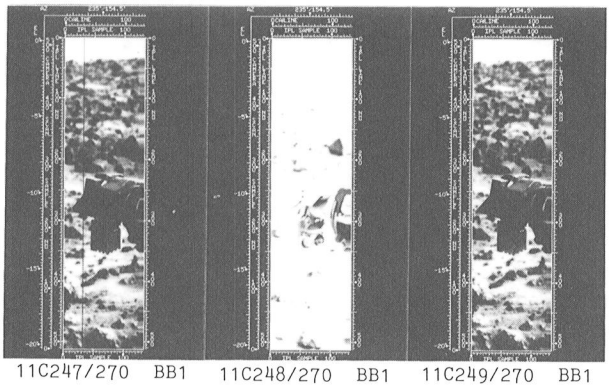
VL-I



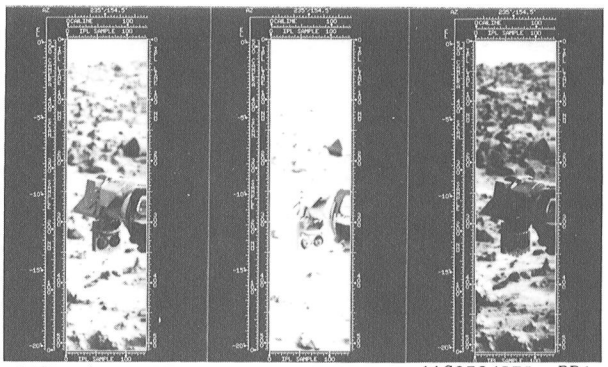
11C241/270 SUN 12C242/270 BB1 12C243/270 BB1



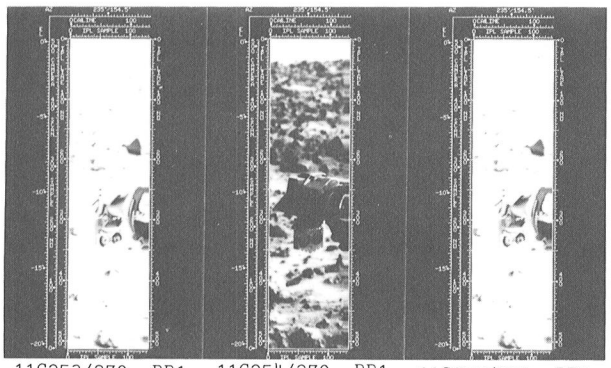
11C244/270 BB1 11C245/270 BB1 11C246/270 BB1



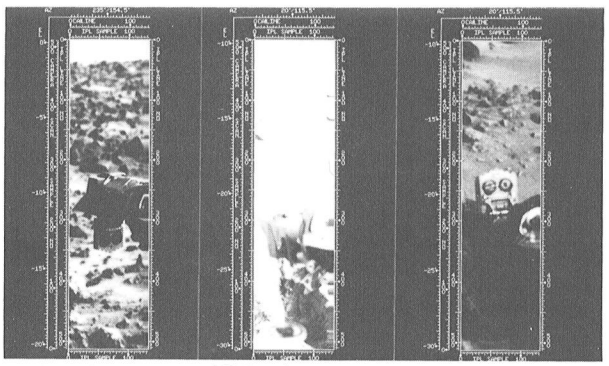
11C247/270 BB1 11C248/270 BB1 11C249/270 BB1



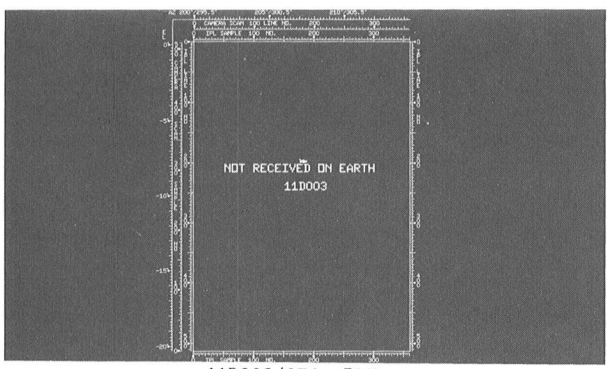
11C250/270 BB1 11C251/270 BB1 11C252/270 BB1



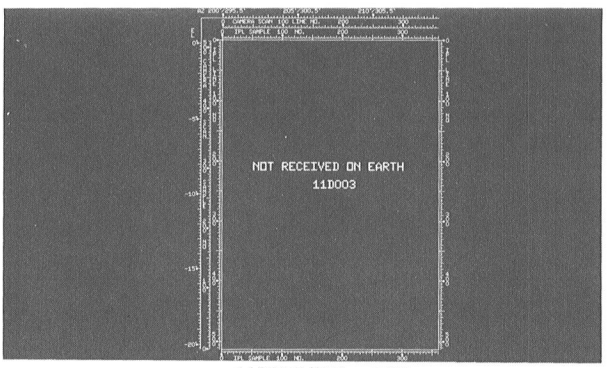
11C253/270 BB1 11C254/270 BB1 11C255/270 BB1



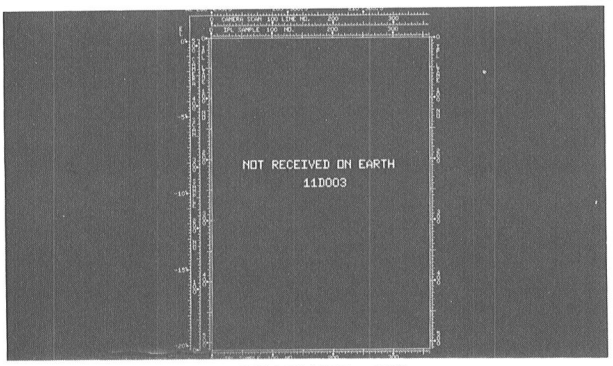
11D000/270 BB1 12D001/270 BB1 12D002/270 BB1



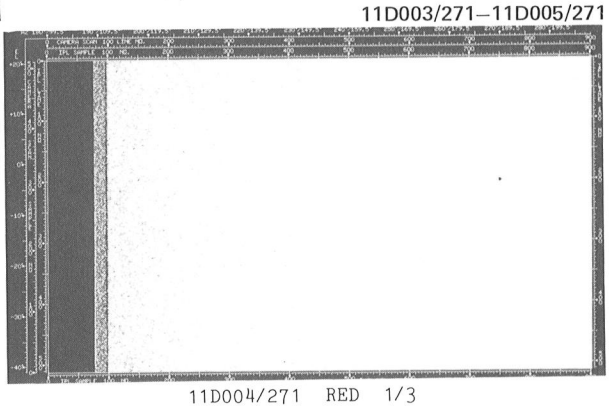
11D003/271 BLU



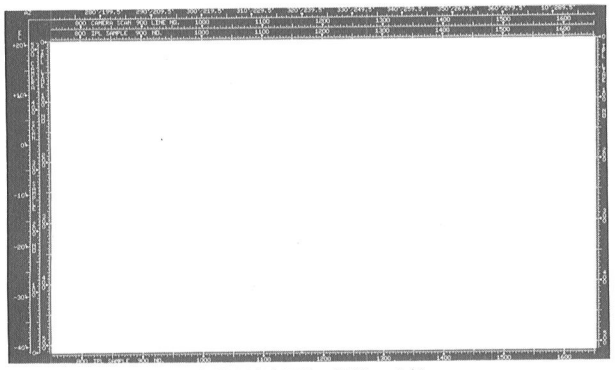
11D003/271 GRN



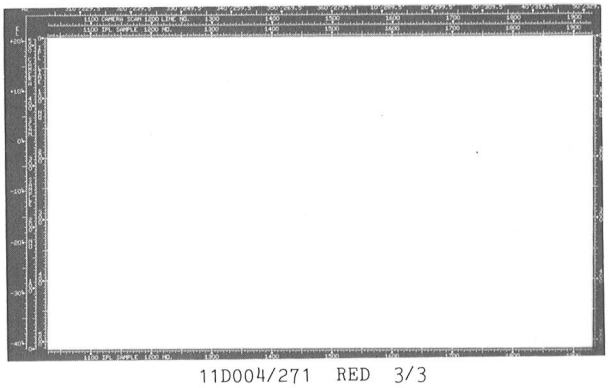
11D003/271 RED



11D004/271 RED 1/3



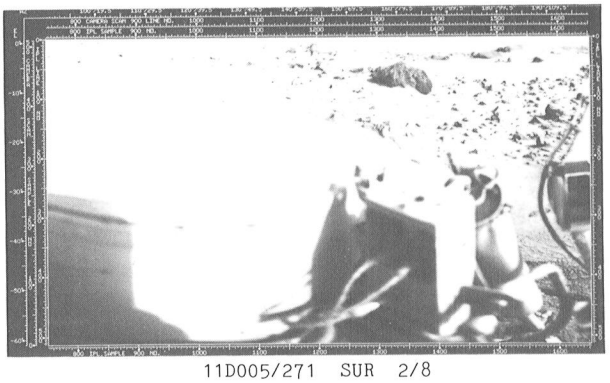
11D004/271 RED 2/3



11D004/271 RED 3/3



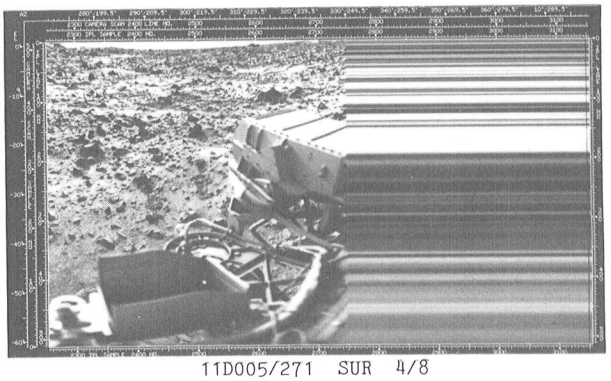
11D005/271 SUR 1/8



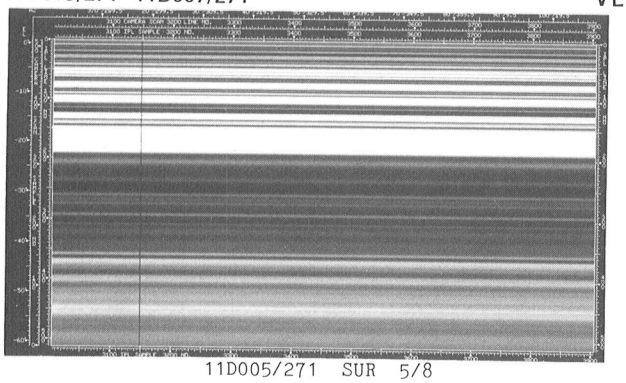
11D005/271 SUR 2/8



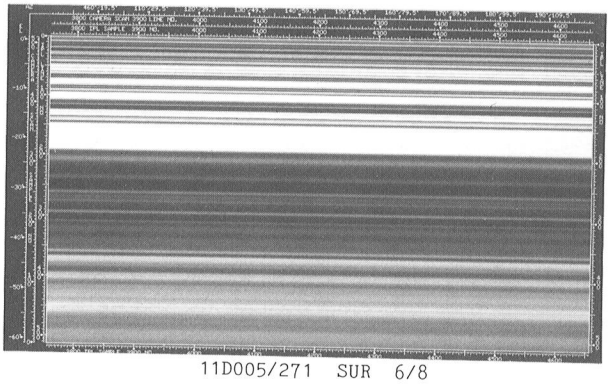
11D005/271 SUR 3/8



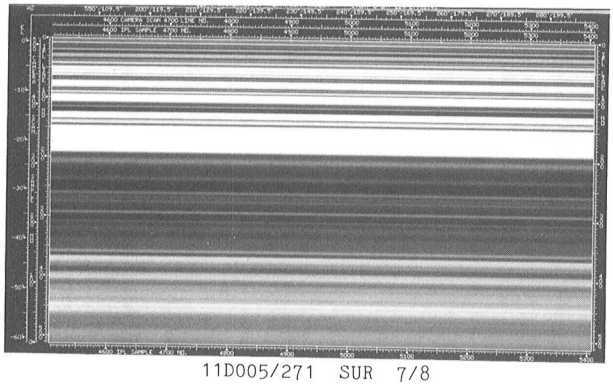
11D005/271 SUR 4/8



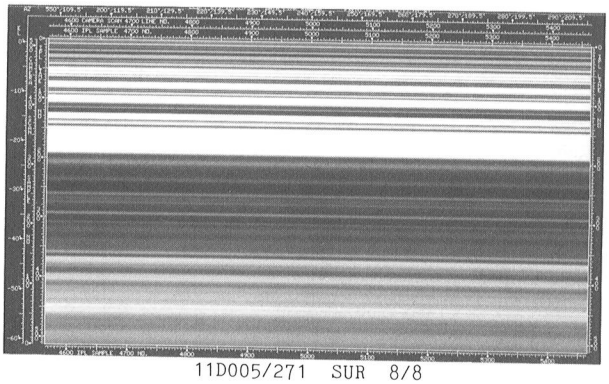
11D005/271 SUR 5/8



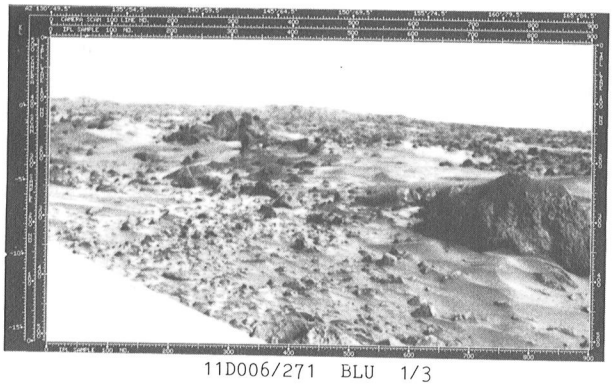
11D005/271 SUR 6/8



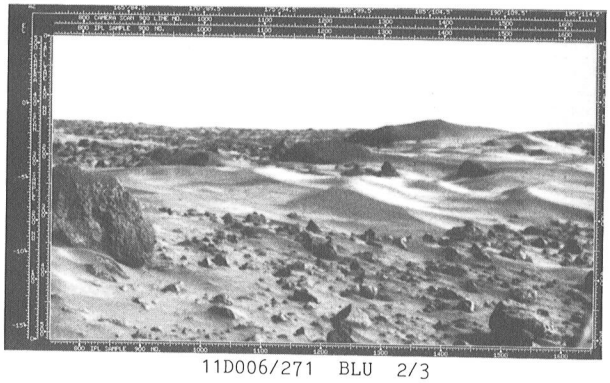
11D005/271 SUR 7/8



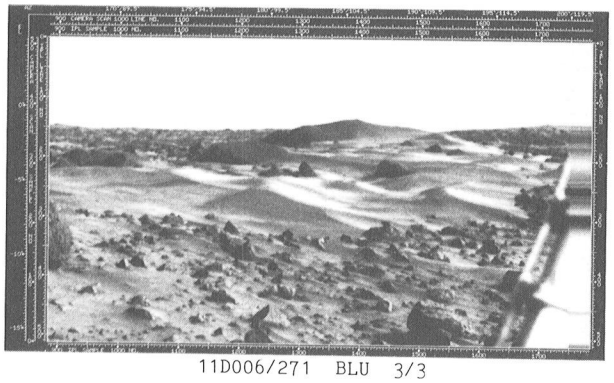
11D005/271 SUR 8/8



11D006/271 BLU 1/3



11D006/271 BLU 2/3



11D006/271 BLU 3/3



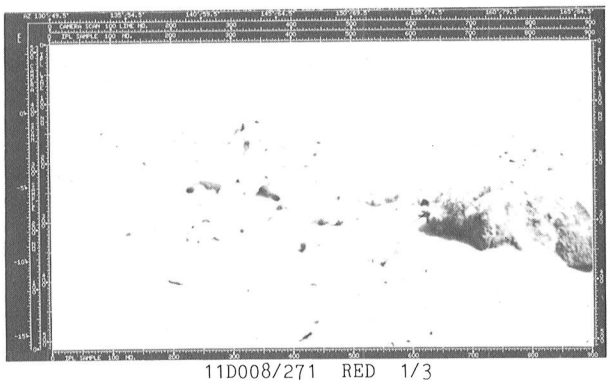
11D007/271 GRN 1/3



11D007/271 GRN 2/3



11D007/271 GRN 3/3



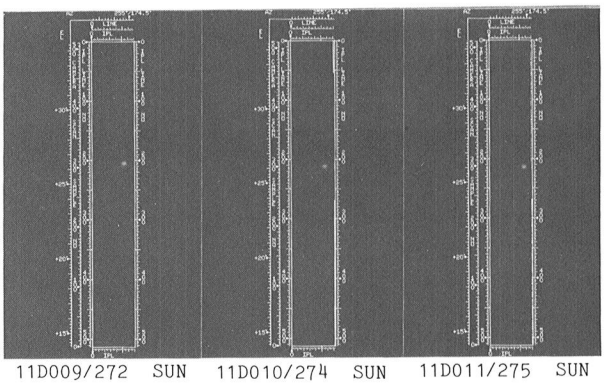
11D008/271 RED 1/3



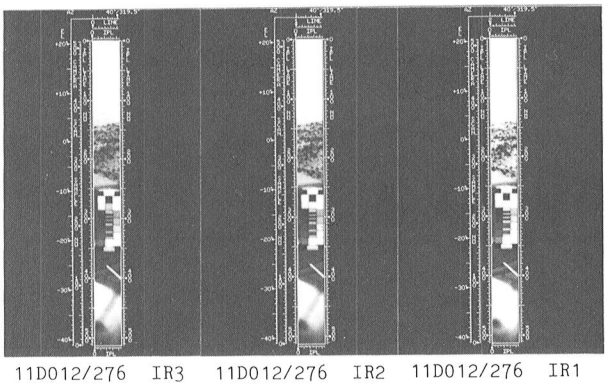
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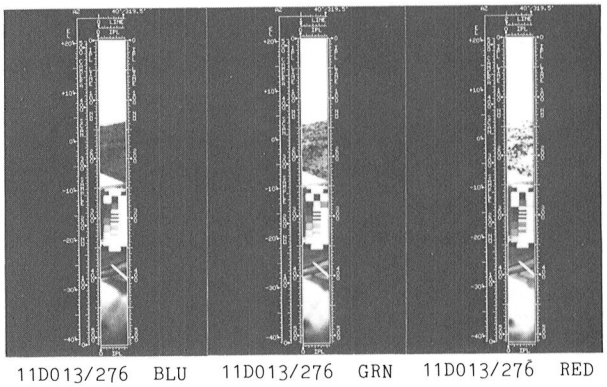
11D008/271 RED 3/3



11D009/272 SUN 11D010/274 SUN 11D011/275 SUN

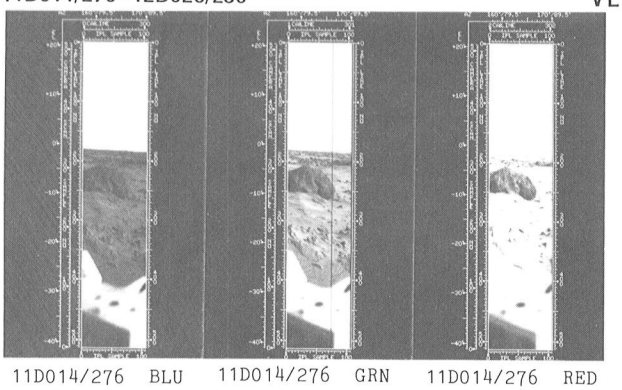


11D012/276 IR3 11D012/276 IR2 11D012/276 IR1

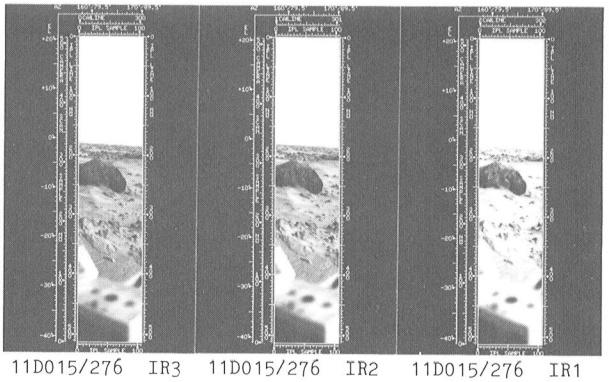


11D013/276 BLU 11D013/276 GRN 11D013/276 RED

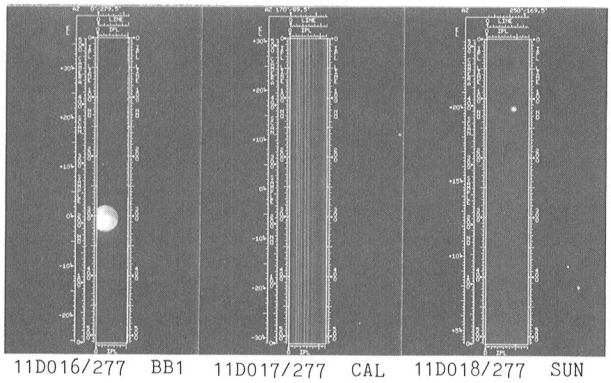
VL-I



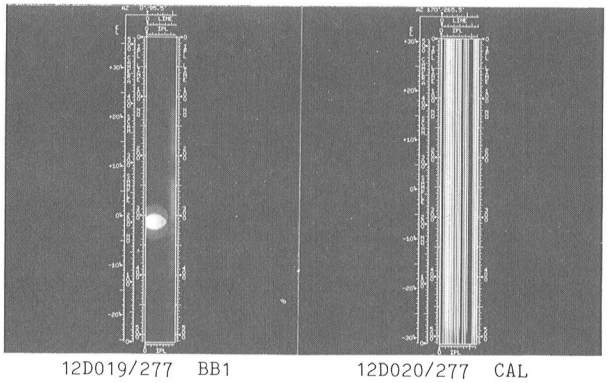
11D014/276 BLU 11D014/276 GRN 11D014/276 RED



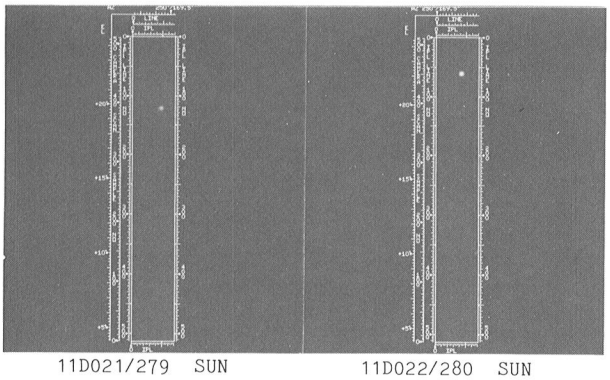
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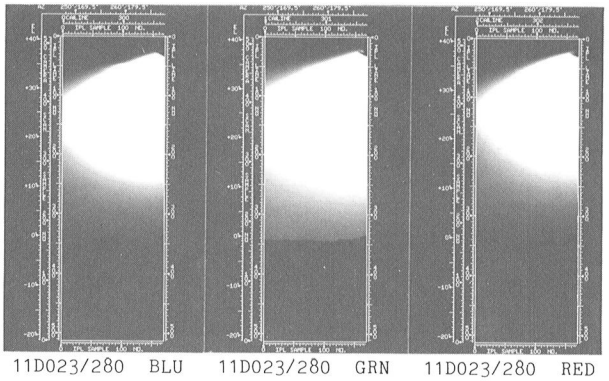
11D016/277 BB1 11D017/277 CAL 11D018/277 SUN



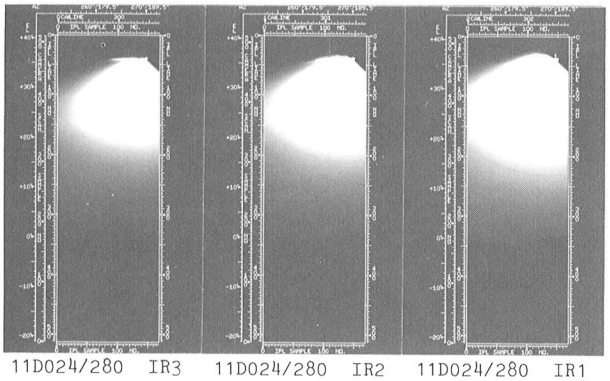
12D019/277 BB1 12D020/277 CAL



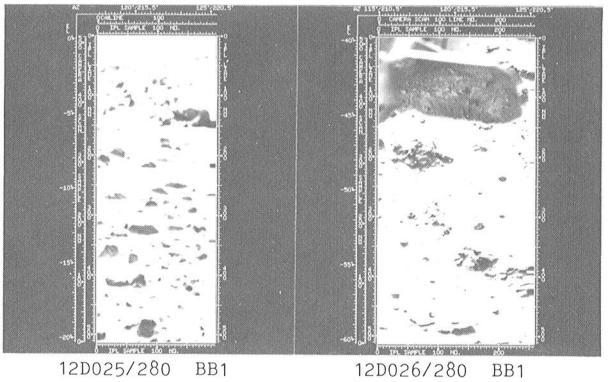
11D021/279 SUN 11D022/280 SUN



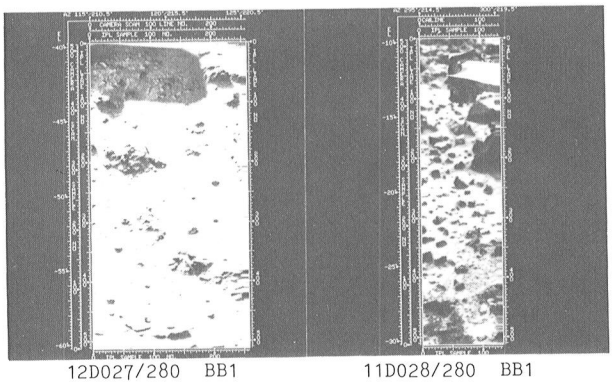
11D023/280 BLU 11D023/280 GRN 11D023/280 RED



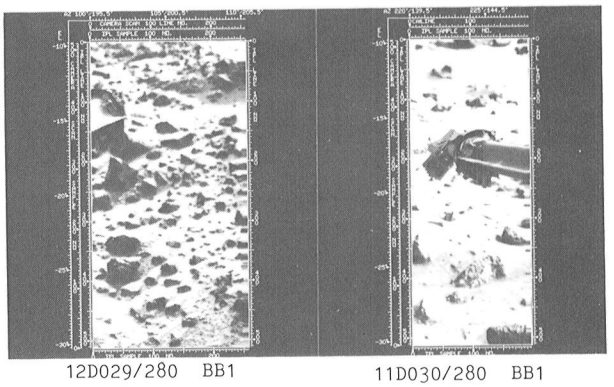
11D024/280 IR3 11D024/280 IR2 11D024/280 IR1



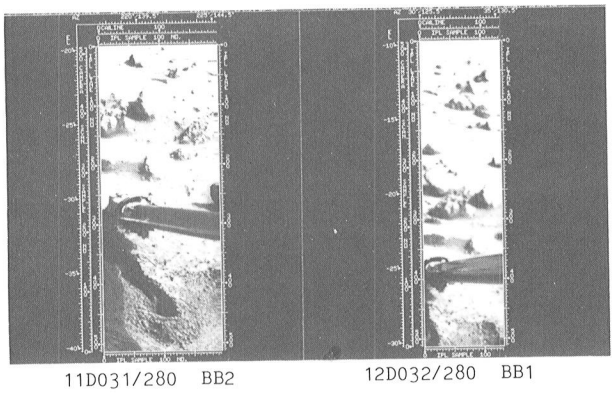
12D025/280 BB1 12D026/280 BB1



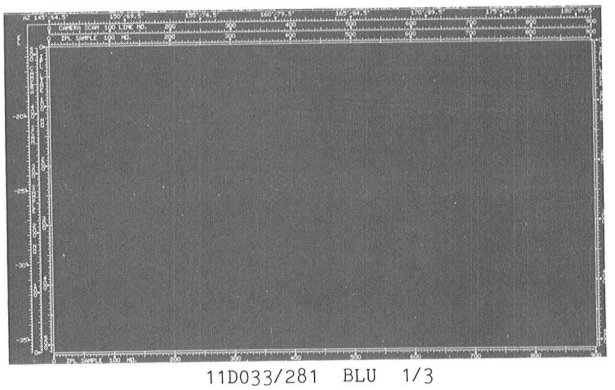
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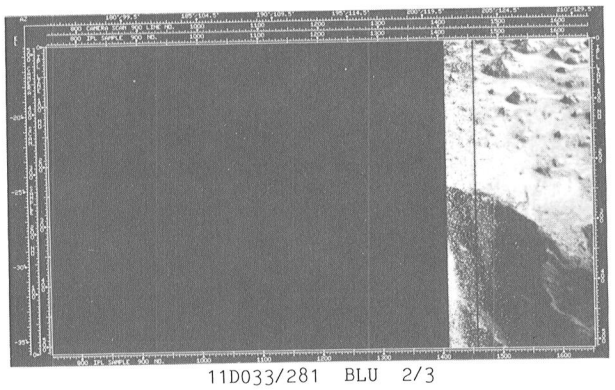
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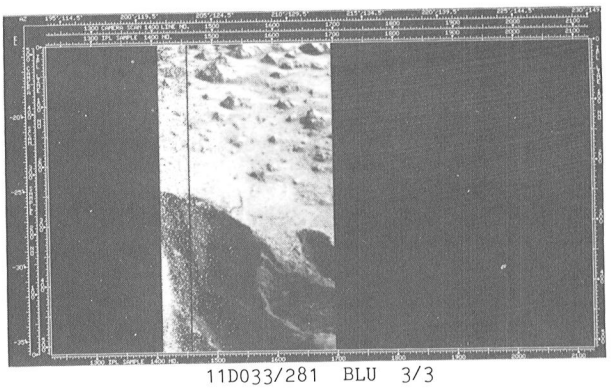
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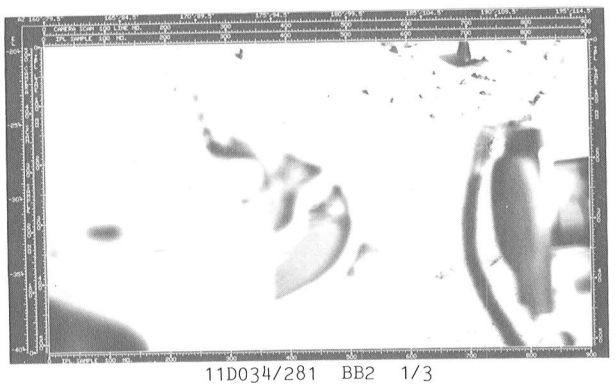
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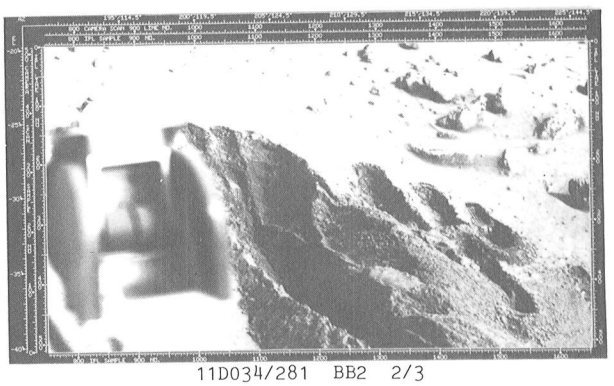
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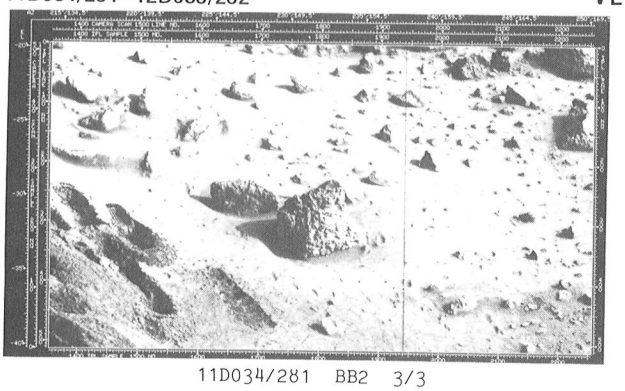
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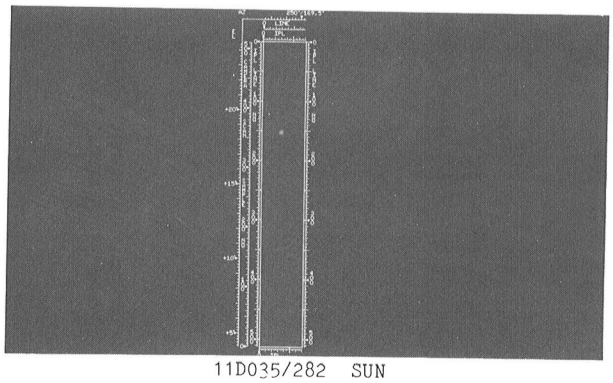
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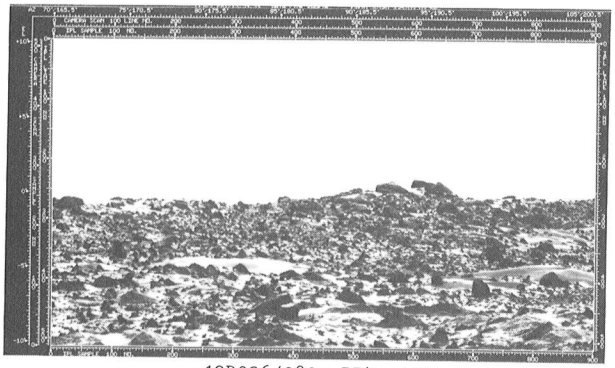
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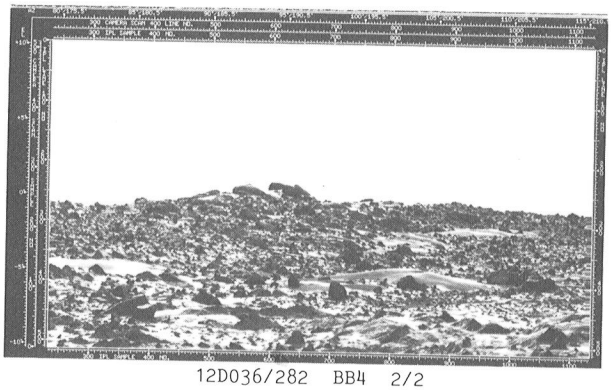
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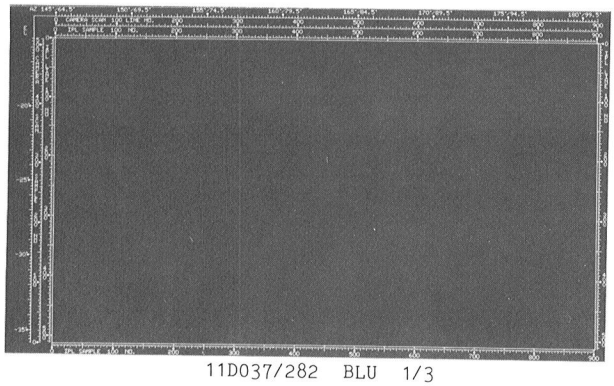
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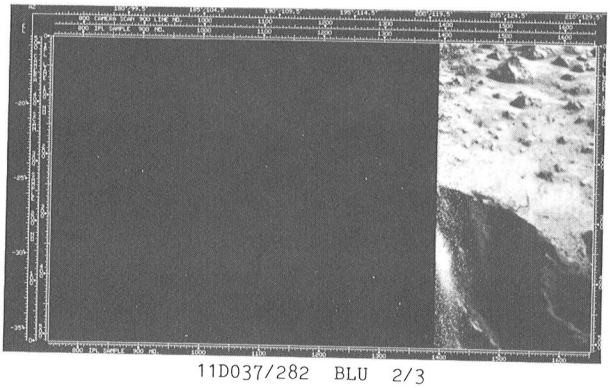
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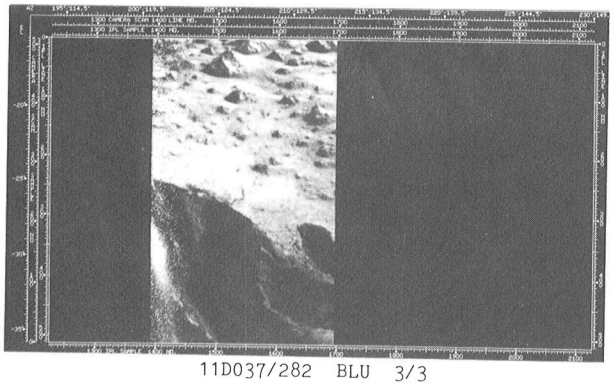
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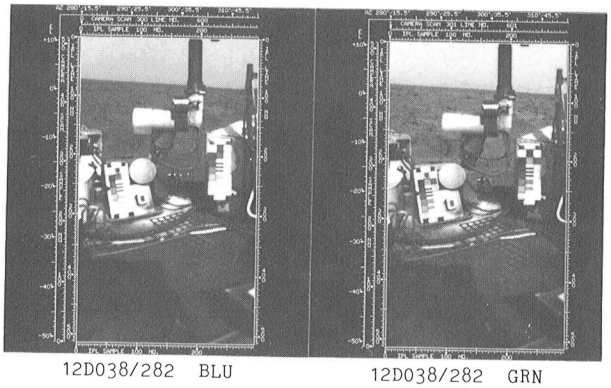
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11D037/282 BLU 2/3

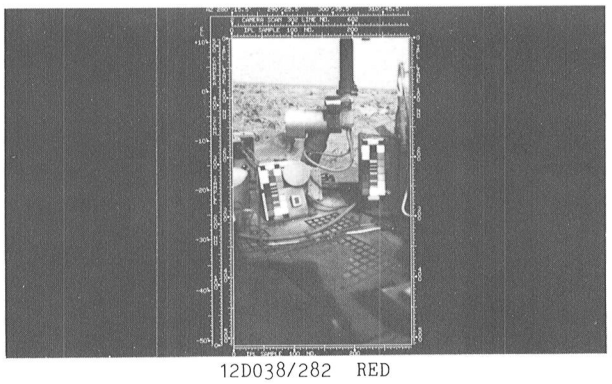


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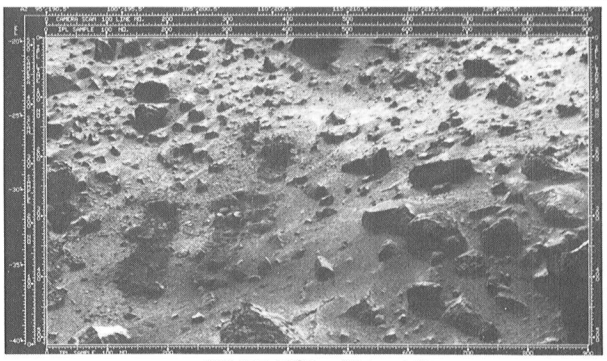


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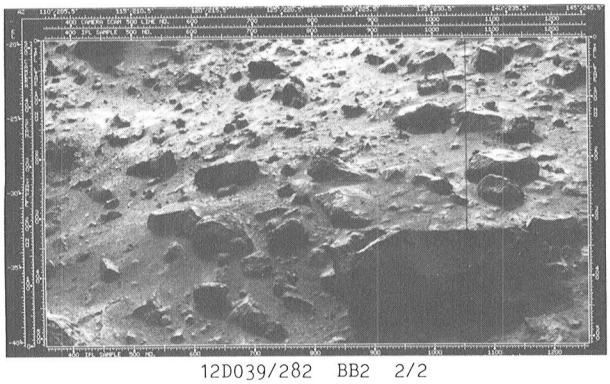
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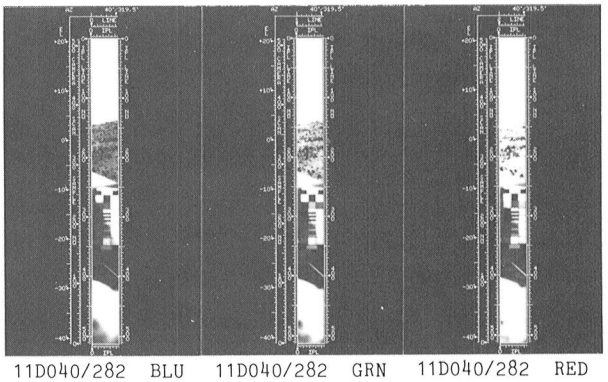
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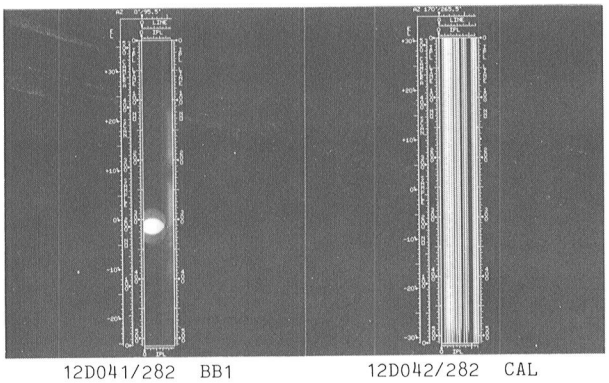
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12D039/282 BB2 2/2



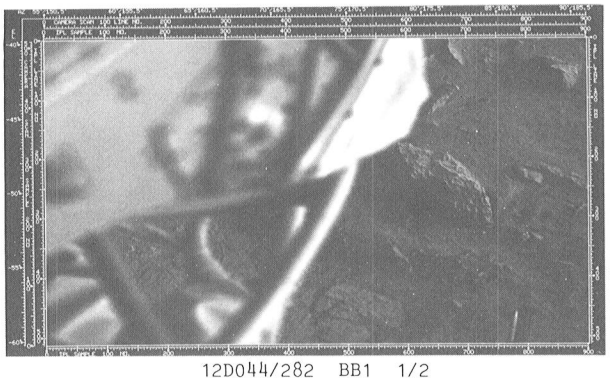
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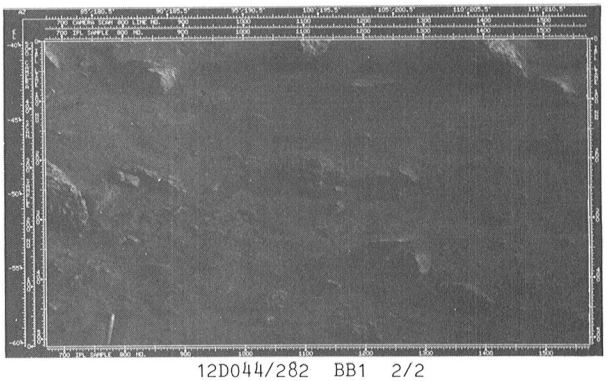
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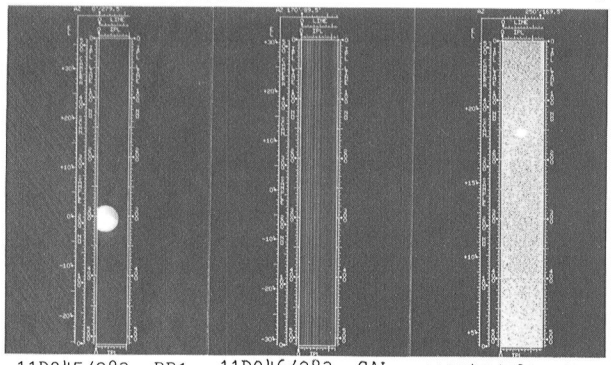
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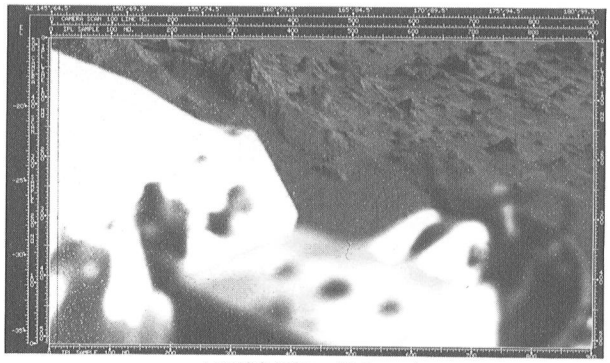
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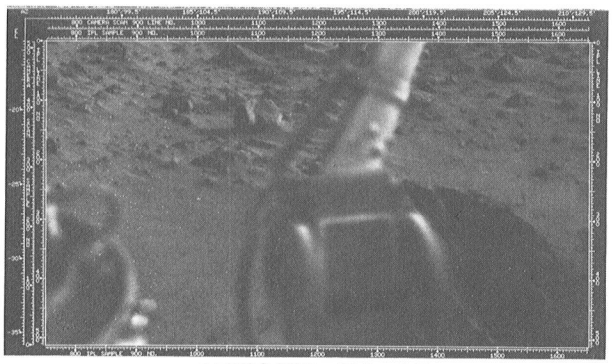
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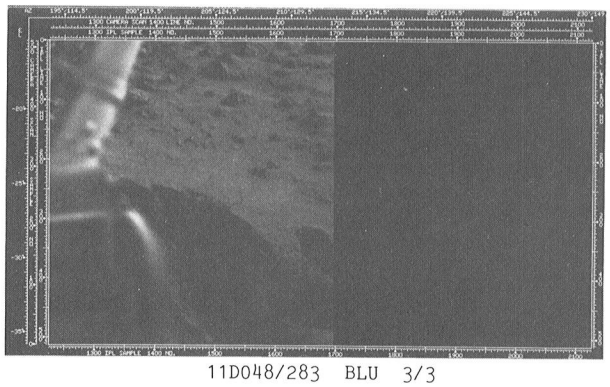
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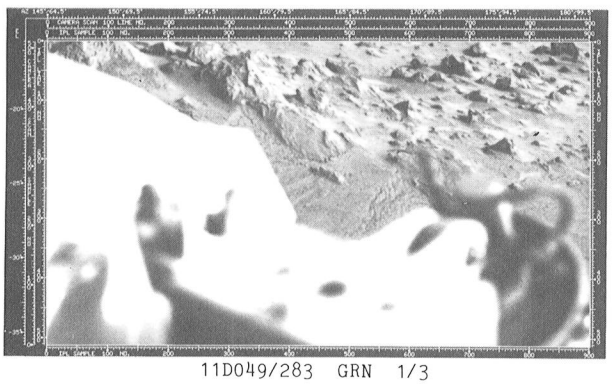
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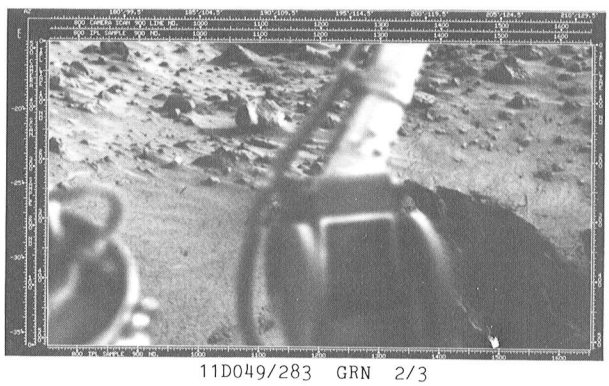
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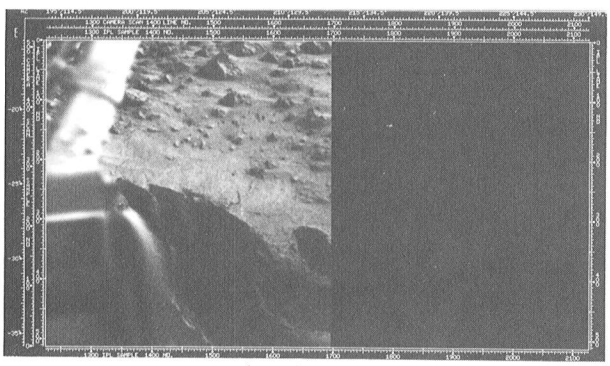
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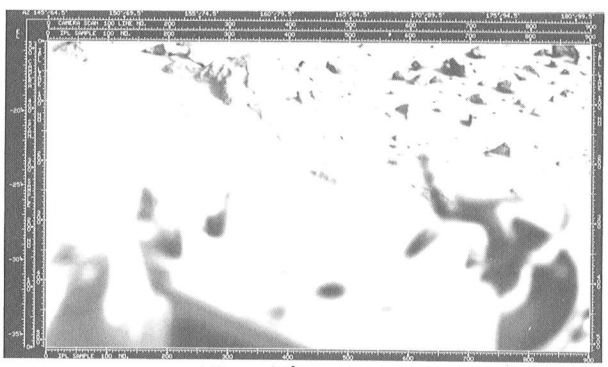
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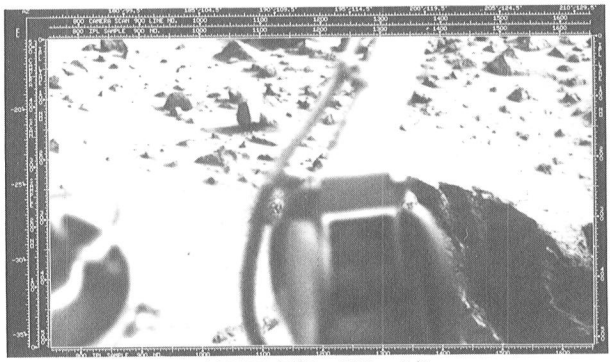
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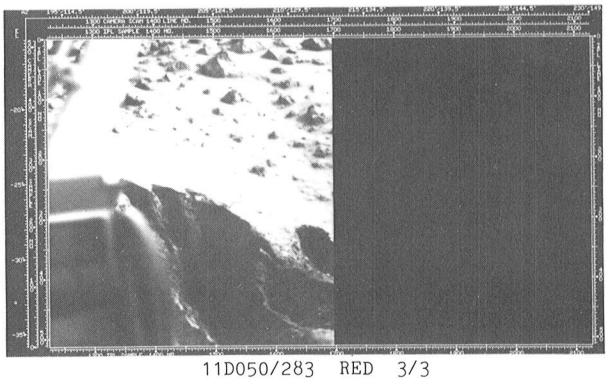
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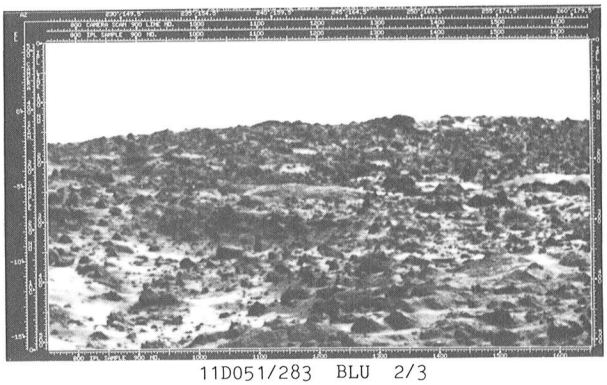
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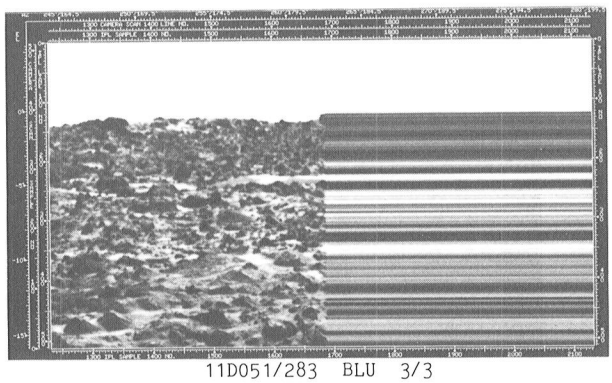
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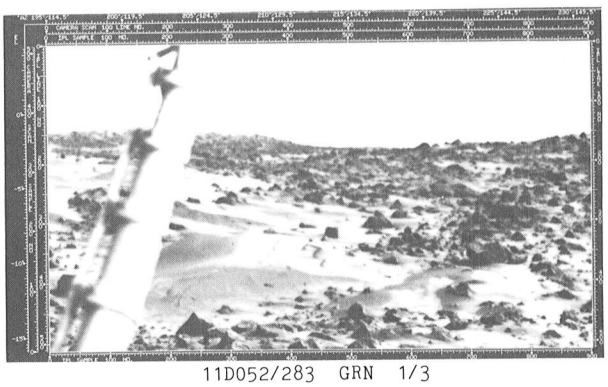
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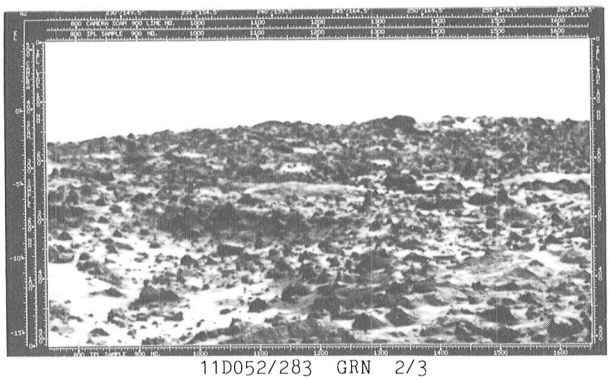
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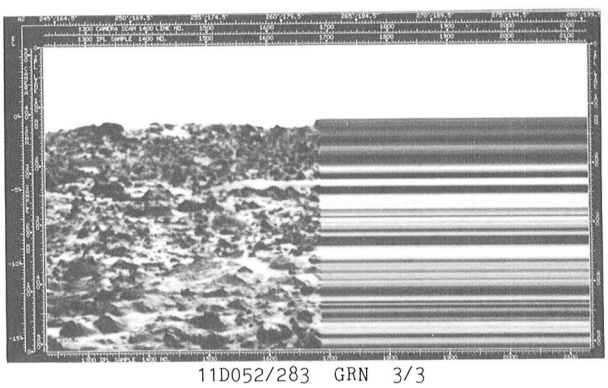
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11D052/283 GRN 1/3



11D052/283 GRN 2/3

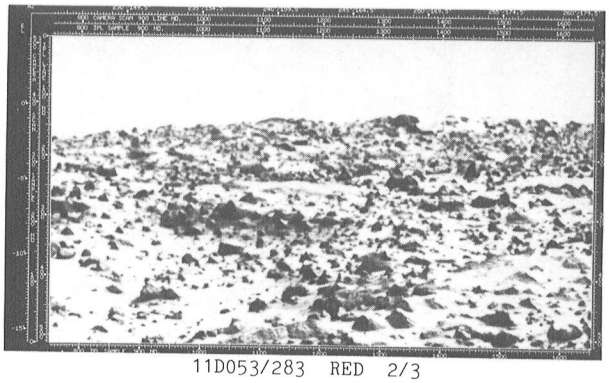


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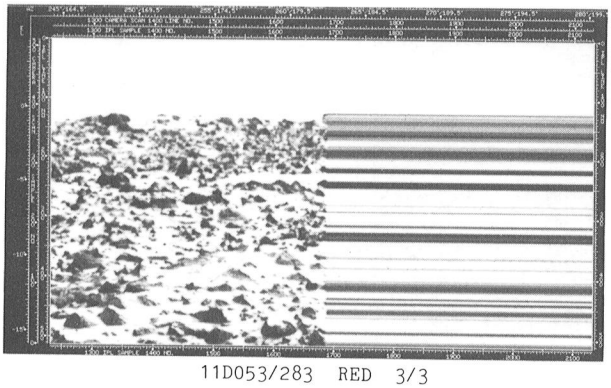
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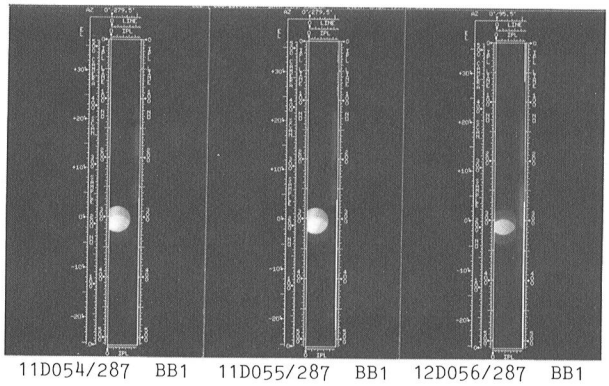
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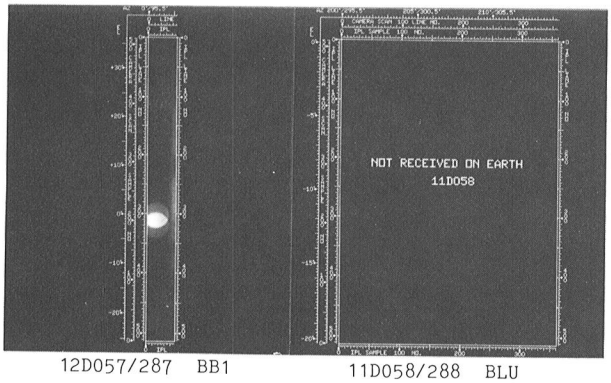
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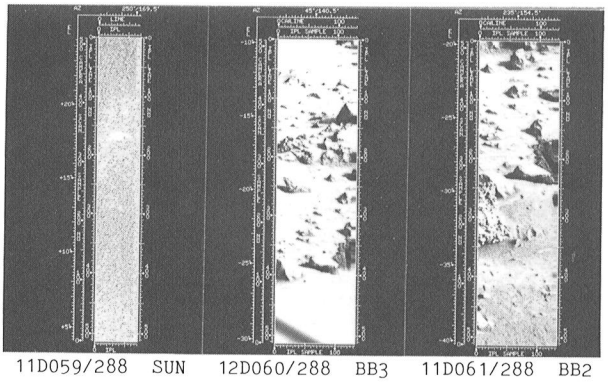
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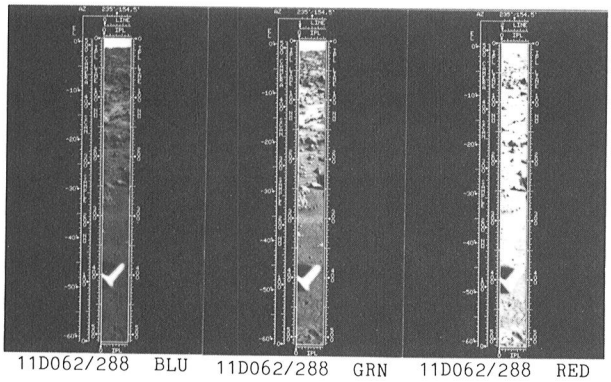
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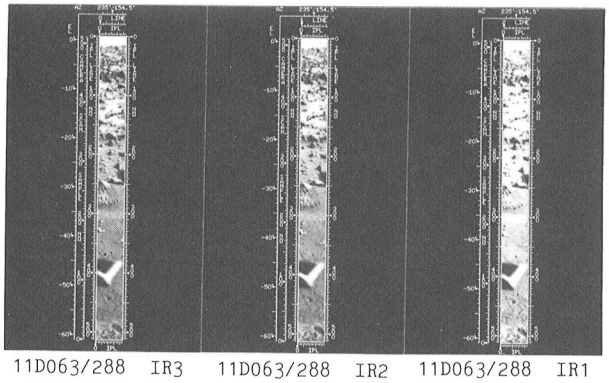
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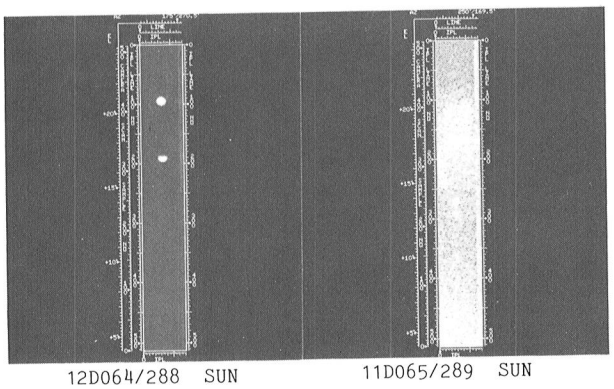
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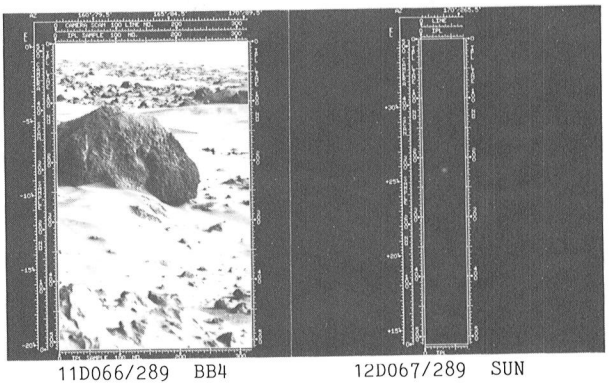
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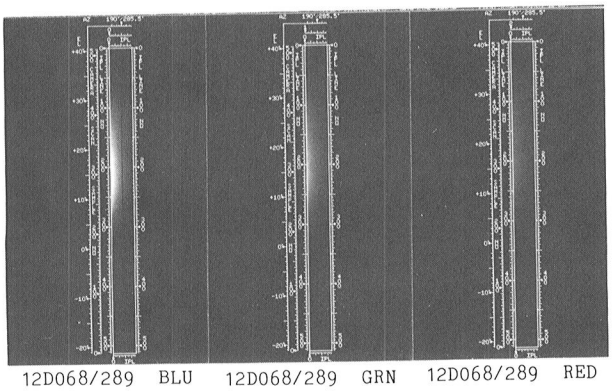
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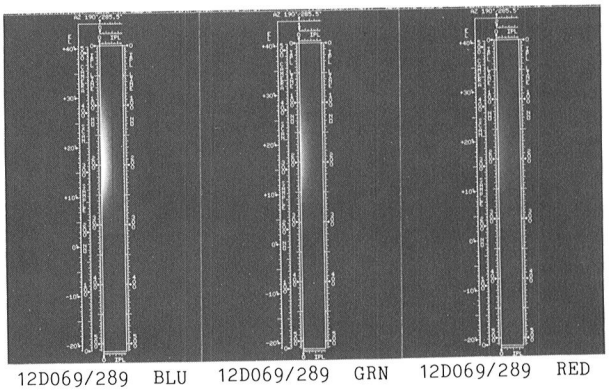
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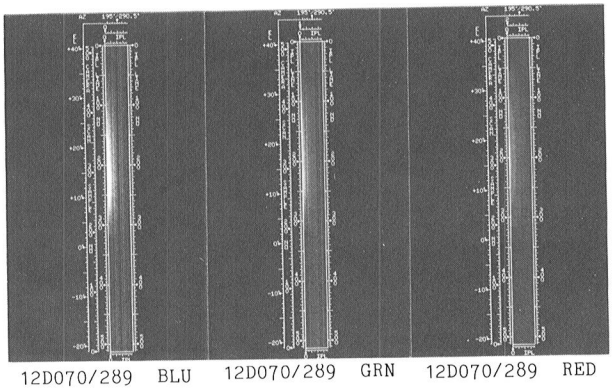
11D066/289 BB4 12D067/289 SUN



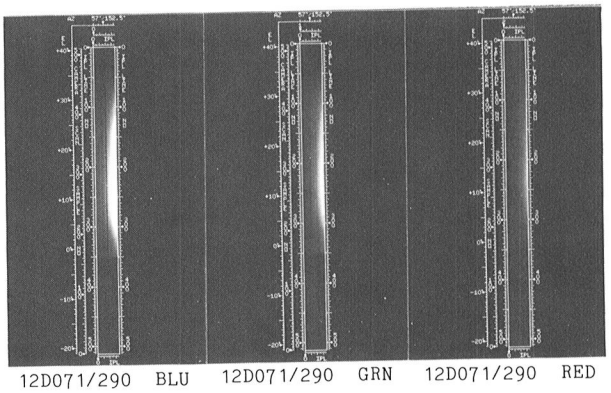
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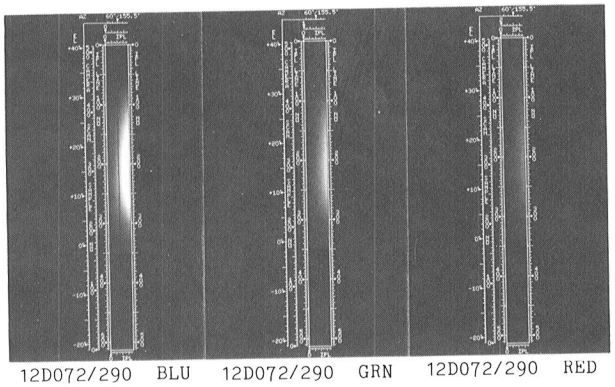
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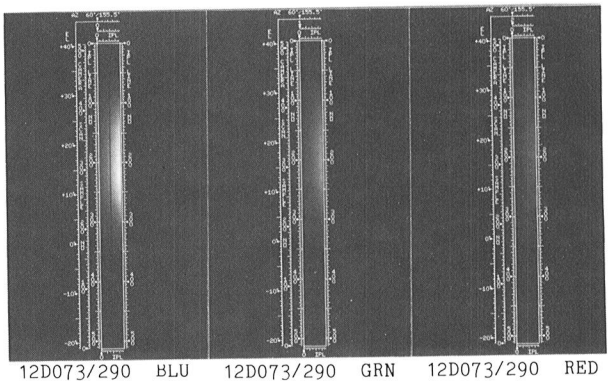
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12D071/290 BLU 12D071/290 GRN 12D071/290 RED

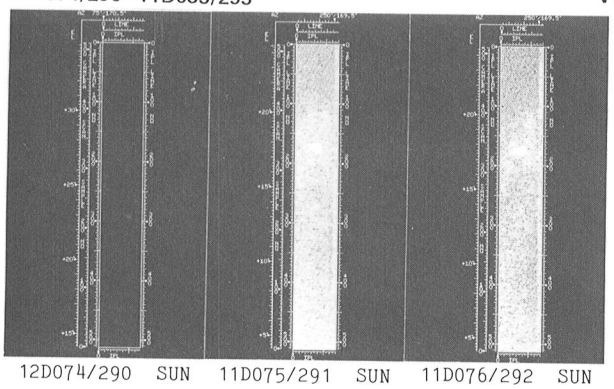


12D072/290 BLU 12D072/290 GRN 12D072/290 RED

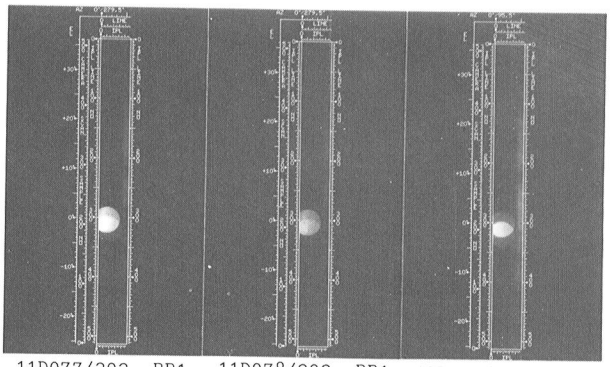


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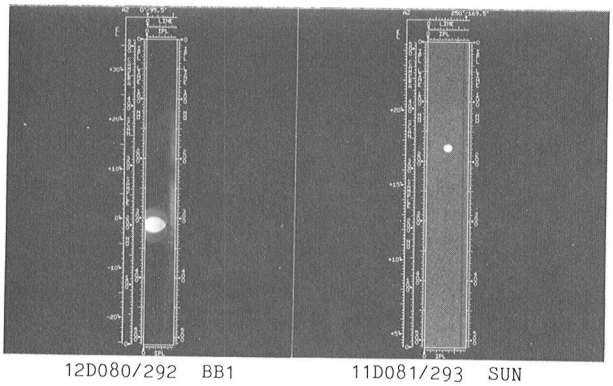
VL-I



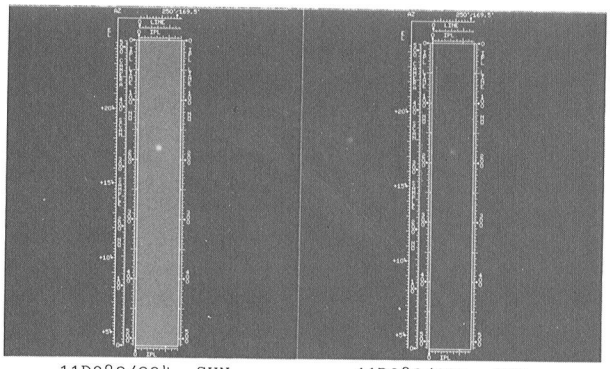
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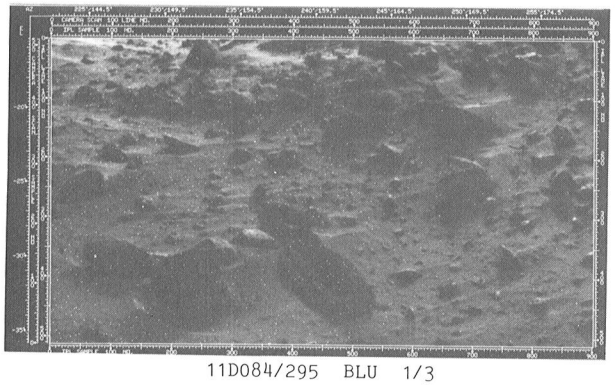
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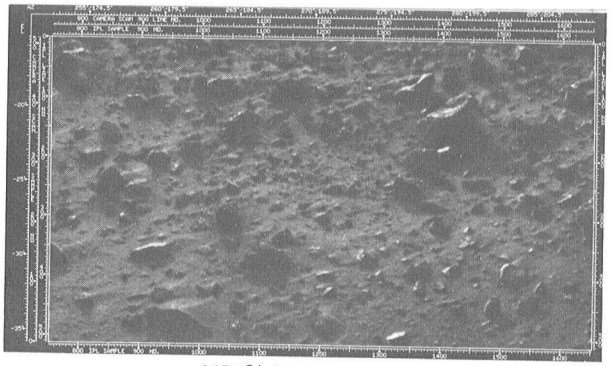
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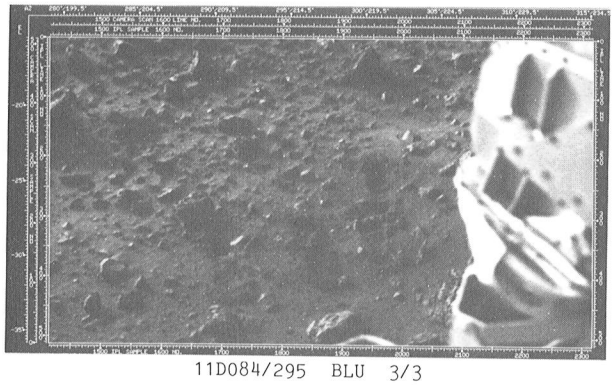
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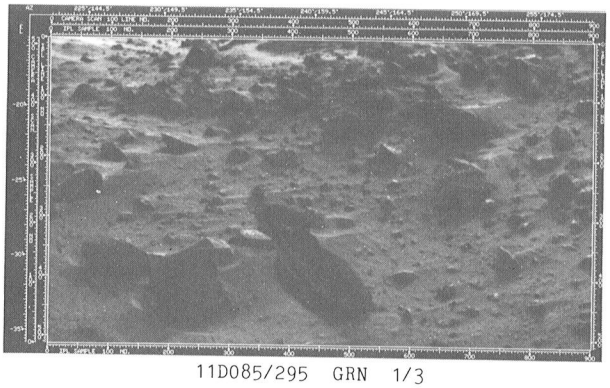
11D084/295 BLU 1/3



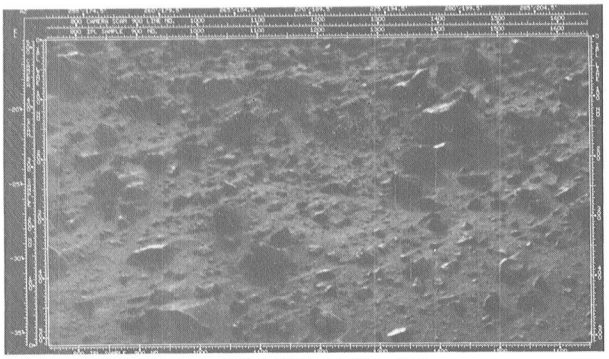
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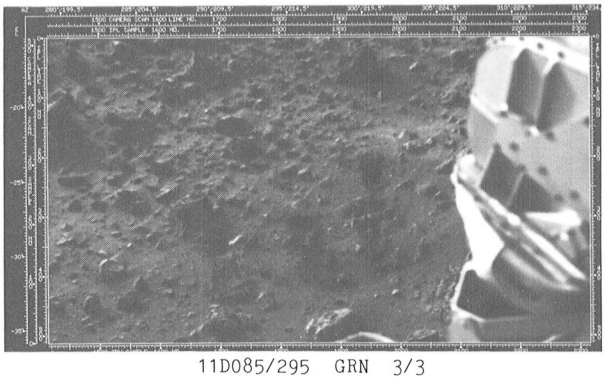
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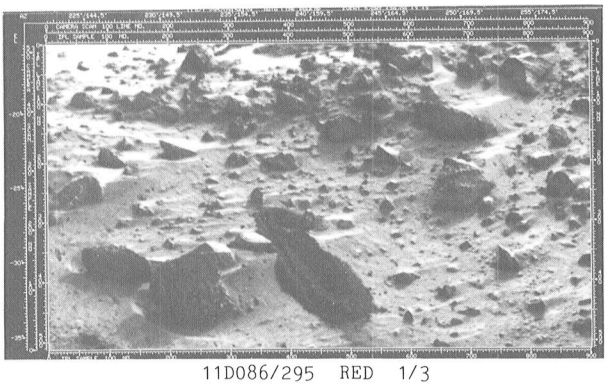
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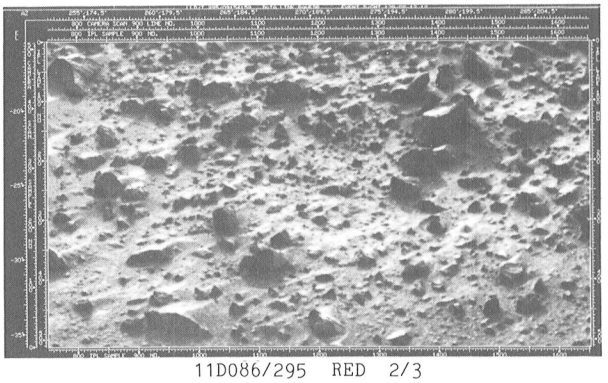
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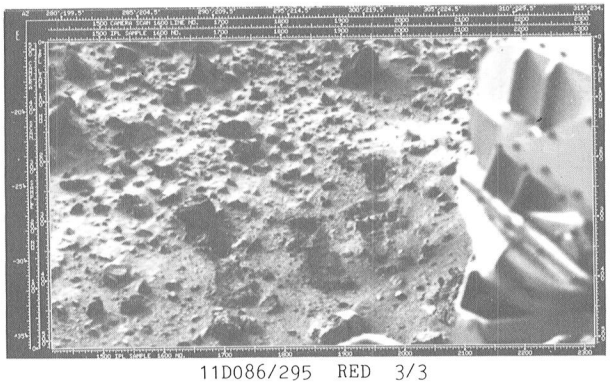
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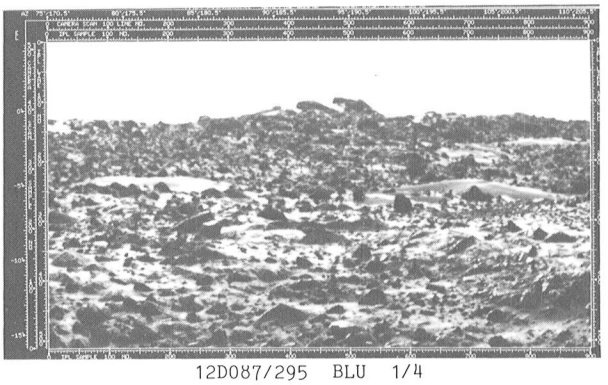
11D086/295 RED 1/3



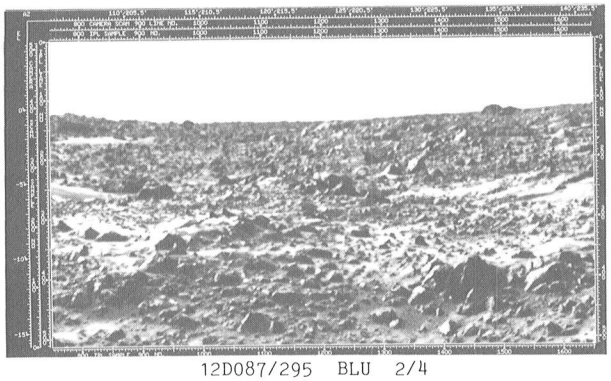
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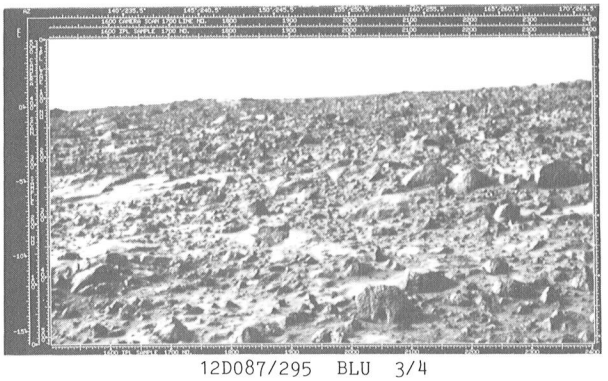
11D086/295 RED 3/3



12D087/295 BLU 1/4

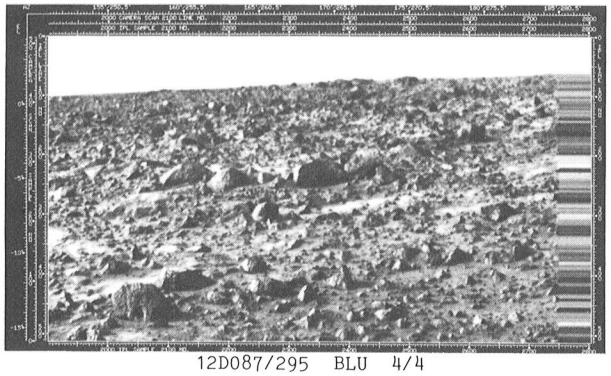


12D087/295 BLU 2/4

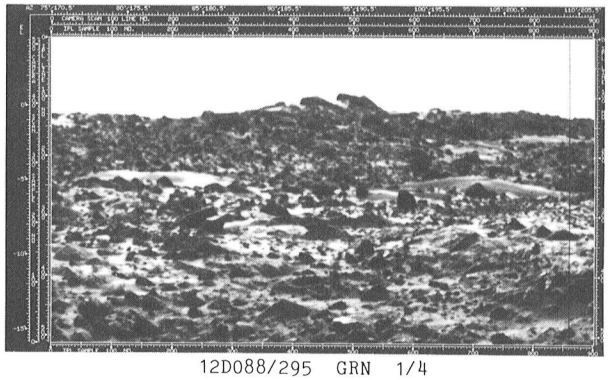


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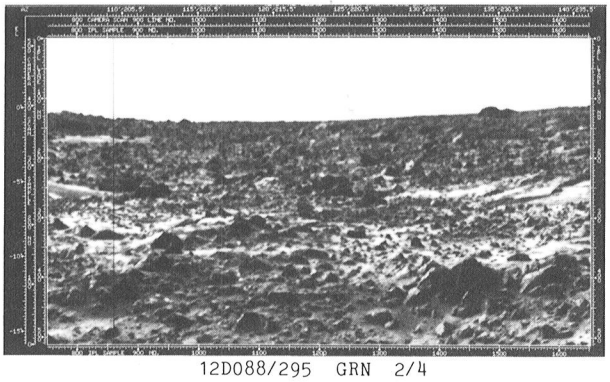
VL-1



12D087/295 BLU 4/4



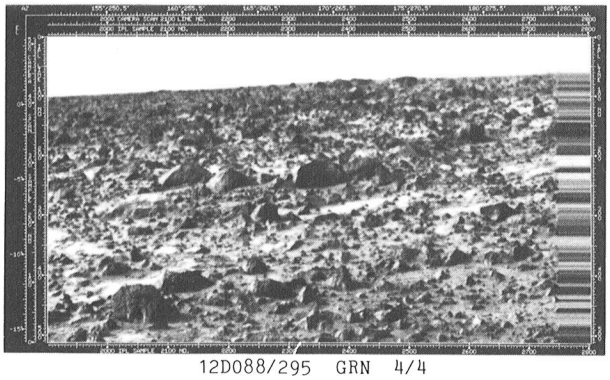
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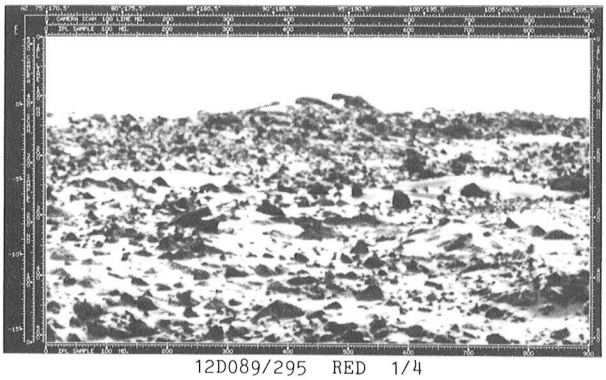
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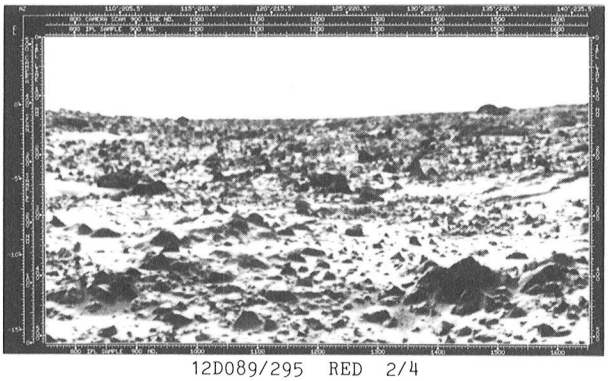
12D088/295 GRN 3/4



12D088/295 GRN 4/4



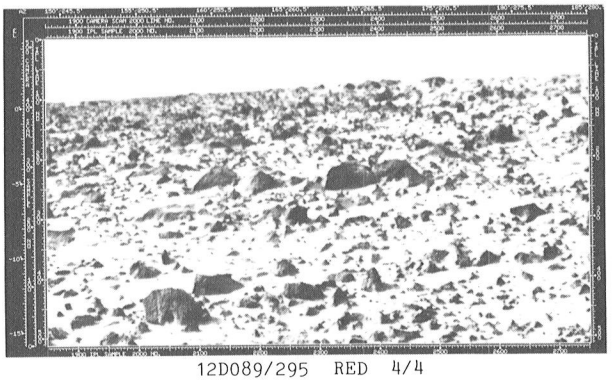
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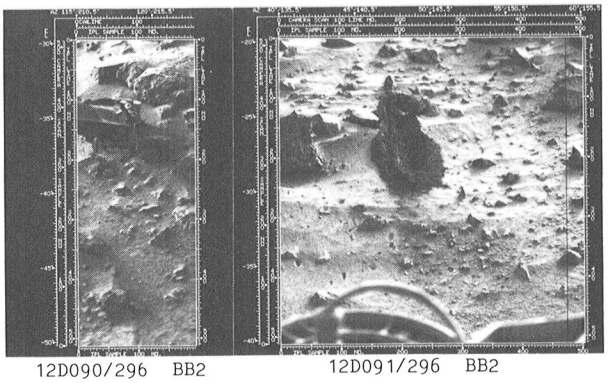
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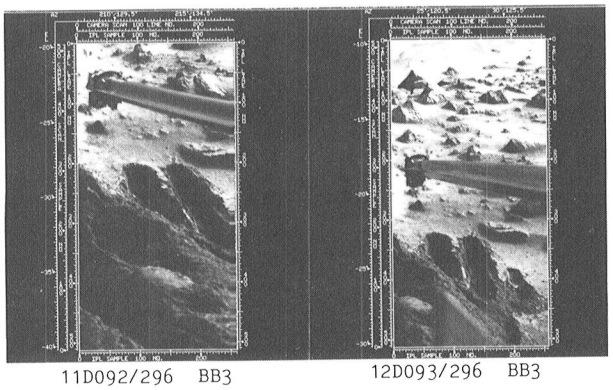
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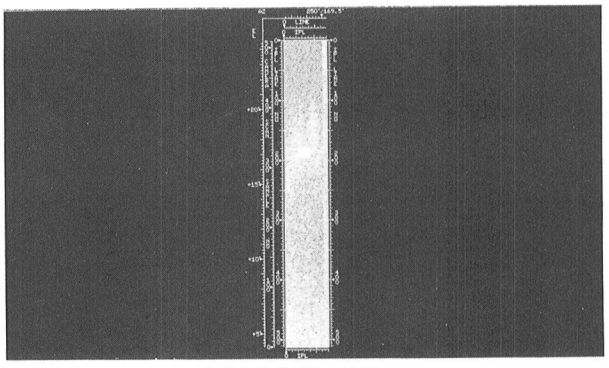
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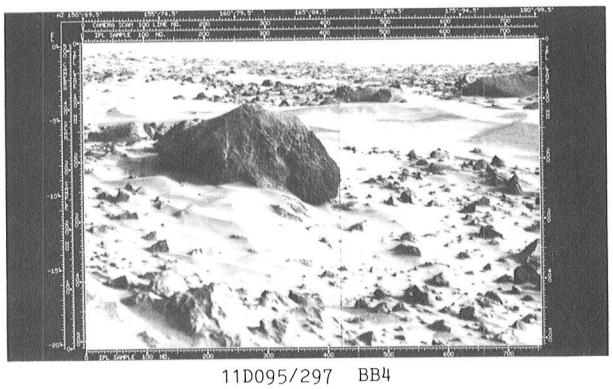
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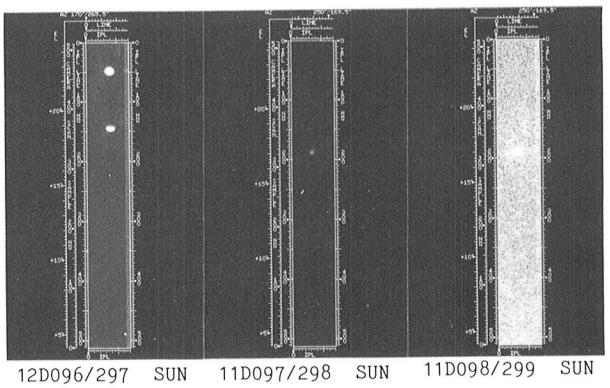
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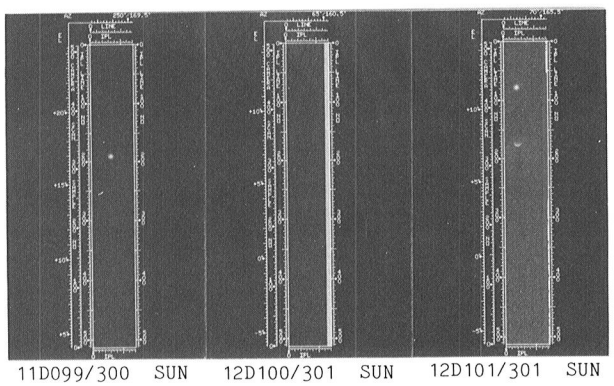
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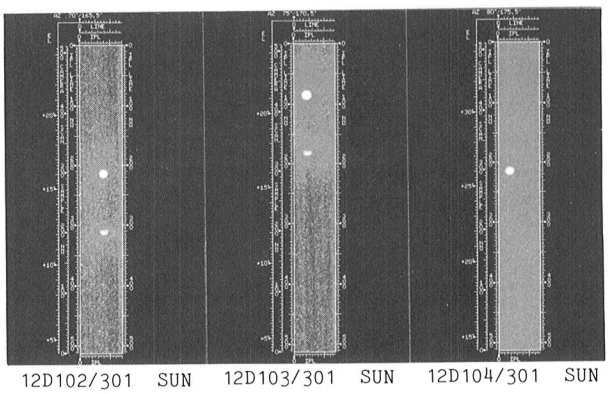
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12D096/297 SUN 11D097/298 SUN 11D098/299 SUN

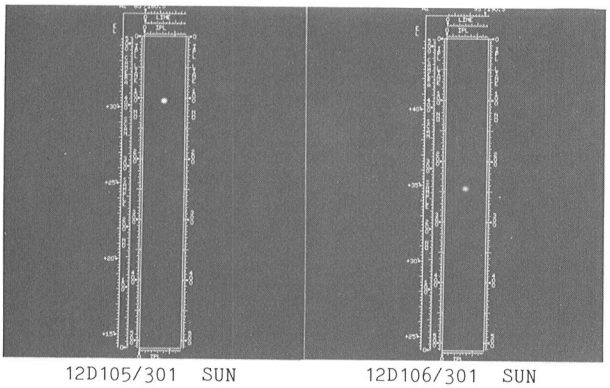


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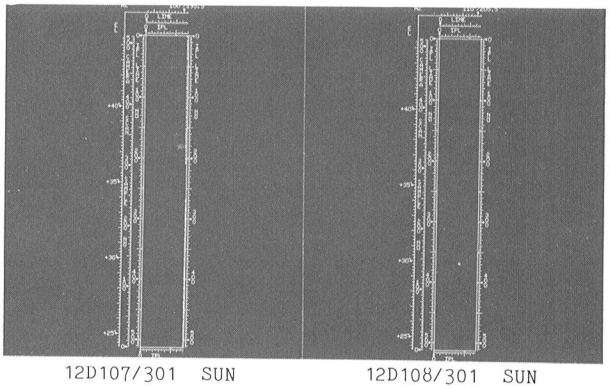


12D102/301 SUN 12D103/301 SUN 12D104/301 SUN

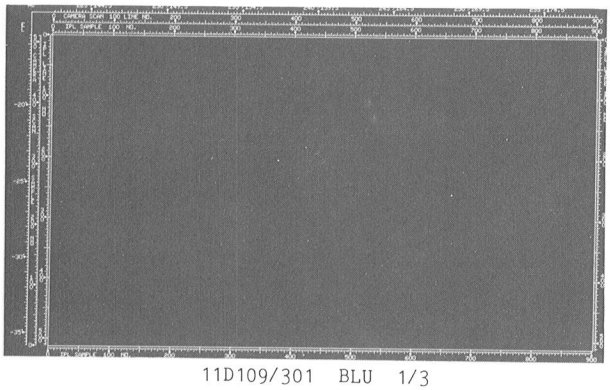
VL-I



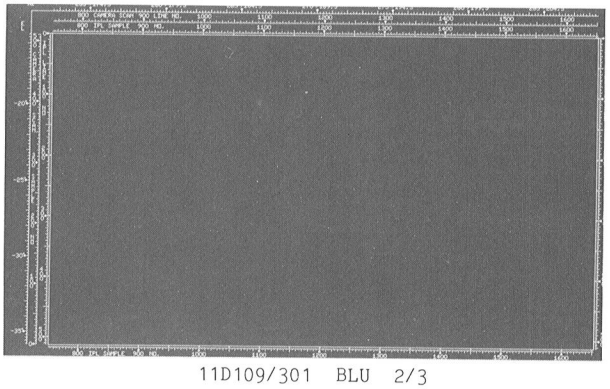
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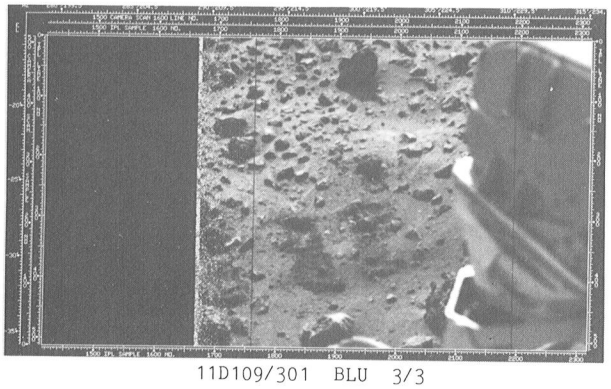
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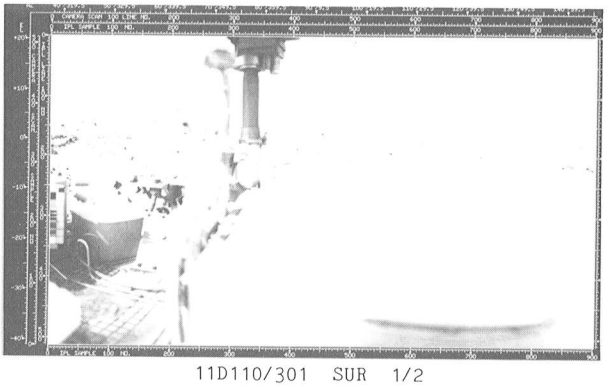
11D109/301 BLU 1/3



11D109/301 BLU 2/3



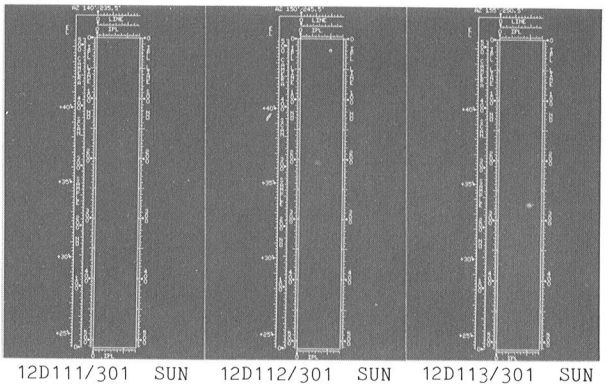
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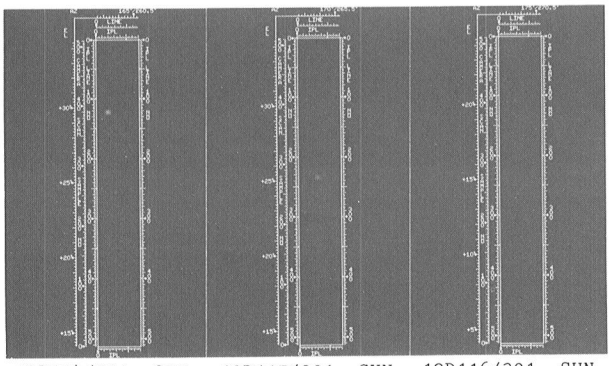
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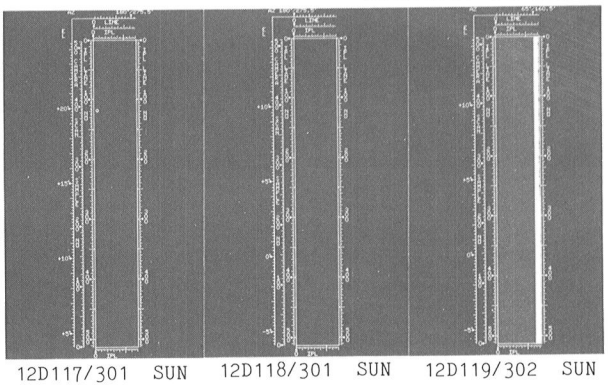
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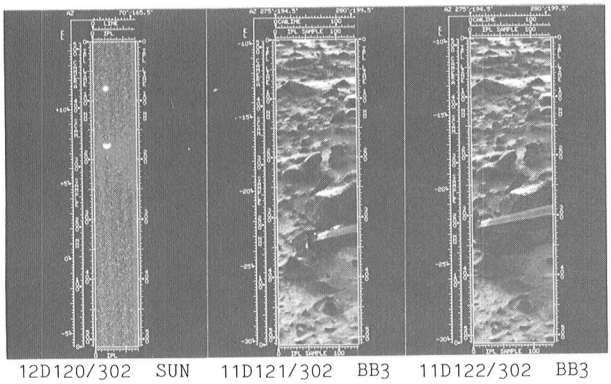
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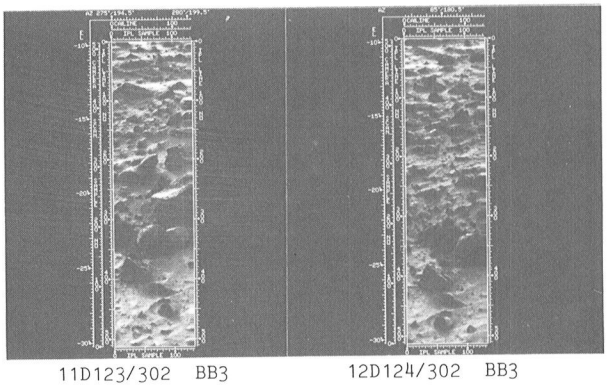
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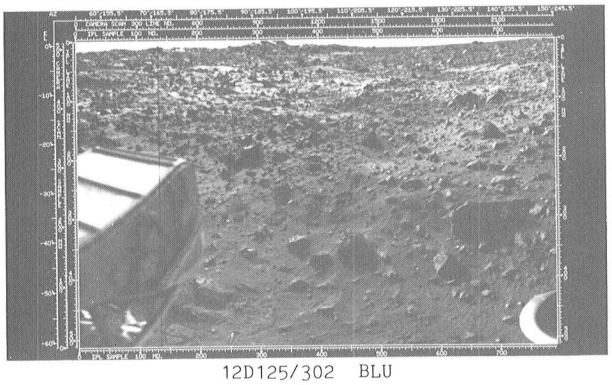
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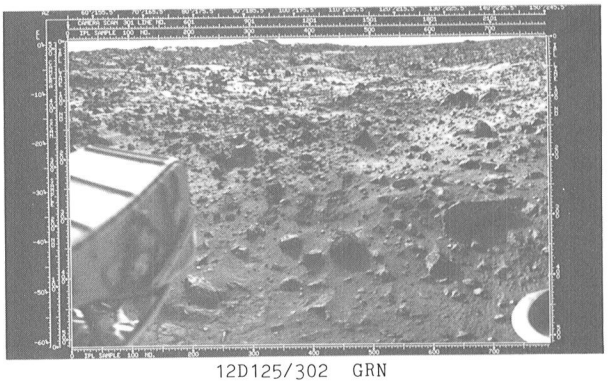
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11D123/302 BB3 12D124/302 BB3



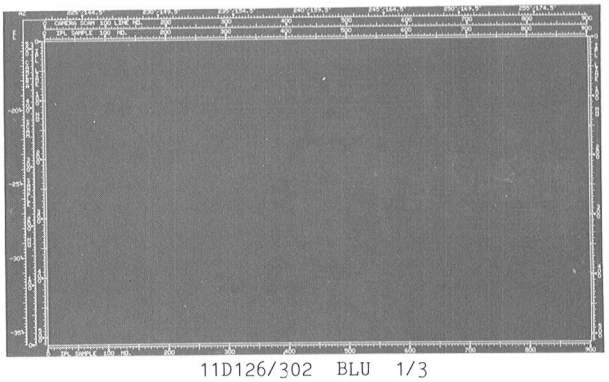
12D125/302 BLU



12D125/302 GRN

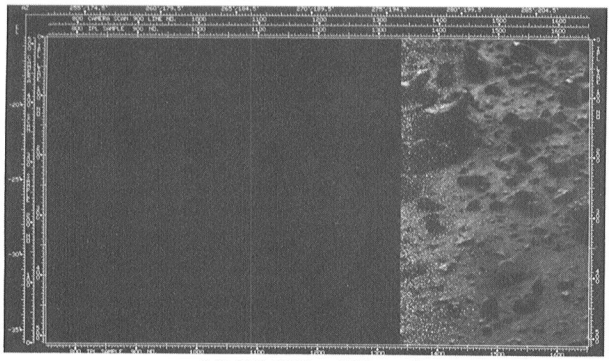


12D125/302 RED

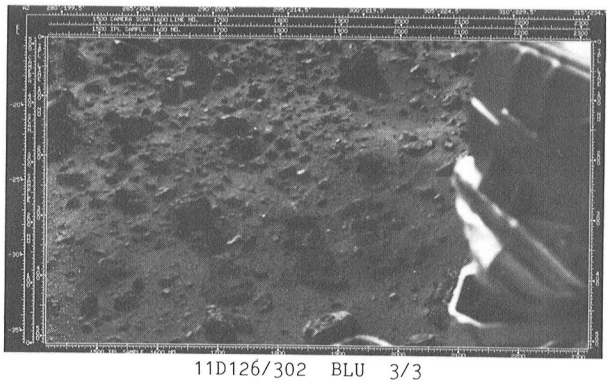


11D126/302 BLU 1/3

VL-I



11D126/302 BLU 2/3



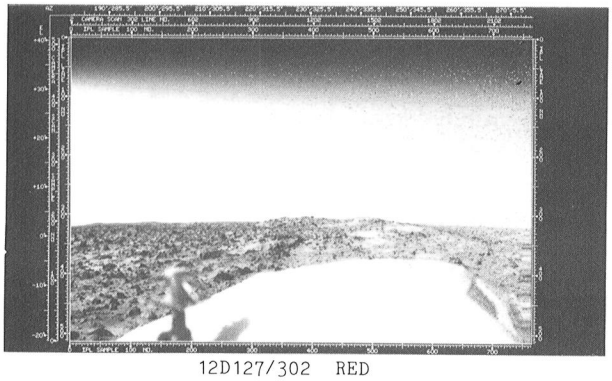
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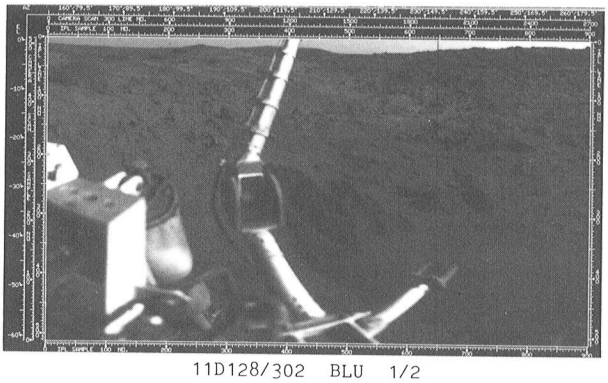
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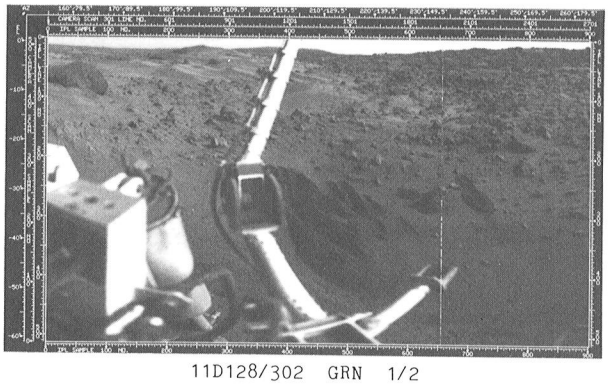
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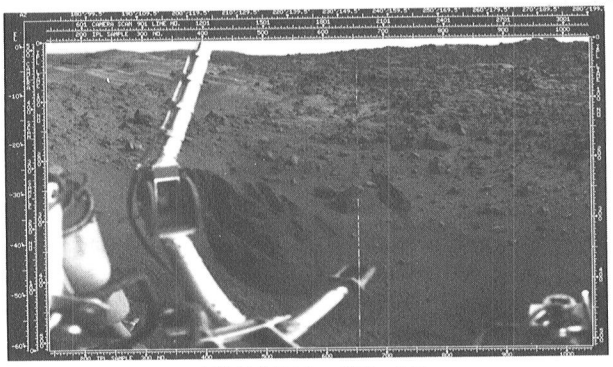
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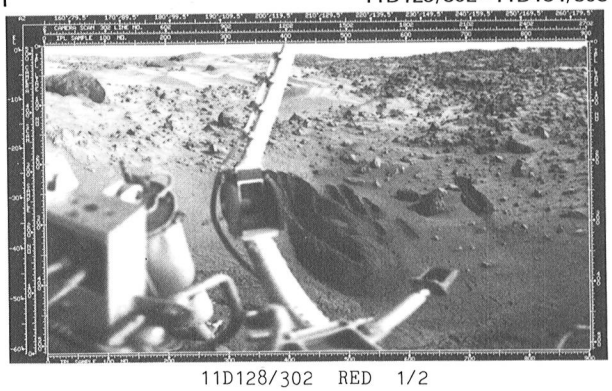
11D128/302 BLU 2/2



11D128/302 GRN 1/2



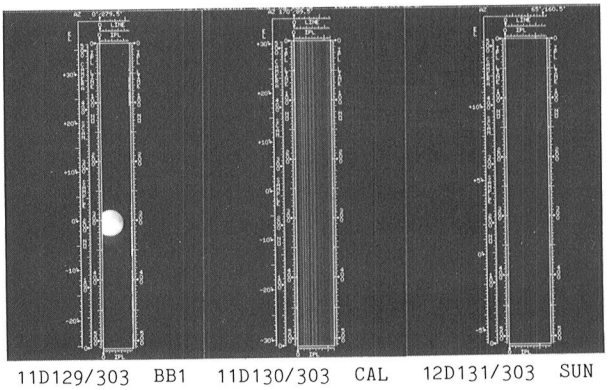
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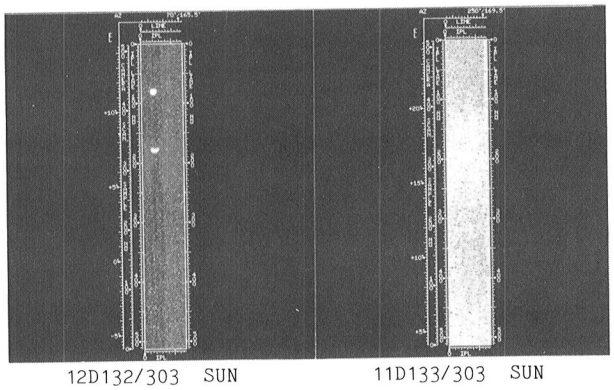
11D128/302 RED 1/2



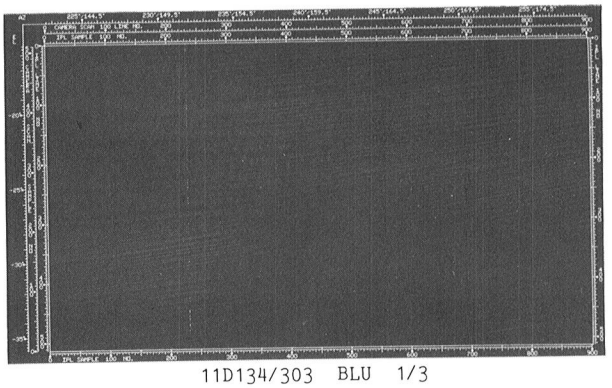
11D128/302 RED 2/2



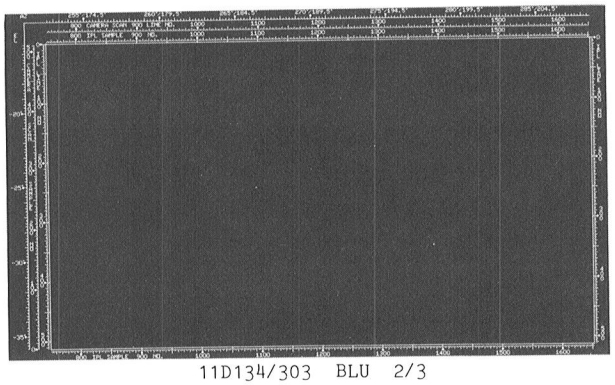
11D129/303 BB1 11D130/303 CAL 12D131/303 SUN



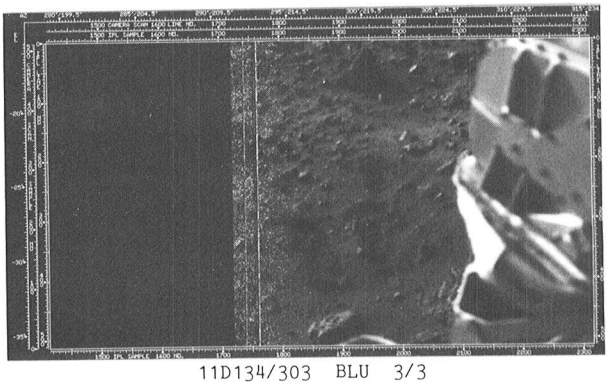
12D132/303 SUN 11D133/303 SUN



11D134/303 BLU 1/3

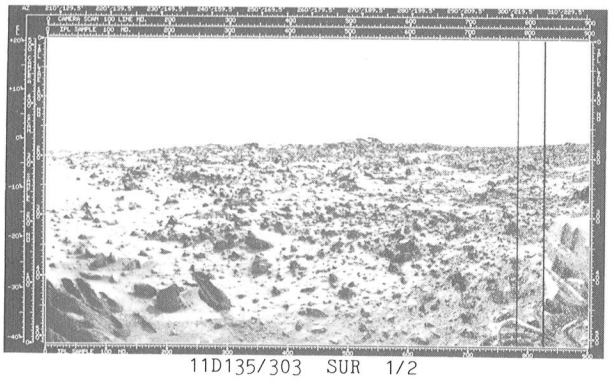


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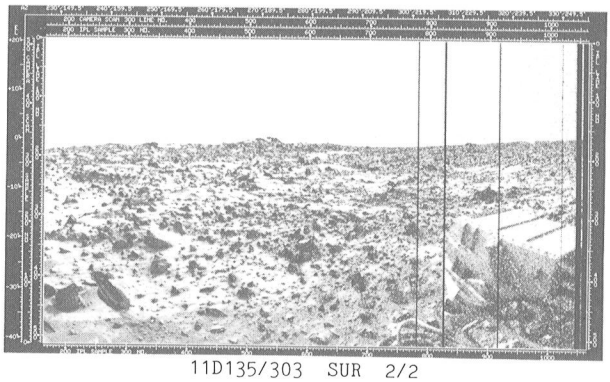


11D134/303 BLU 3/3

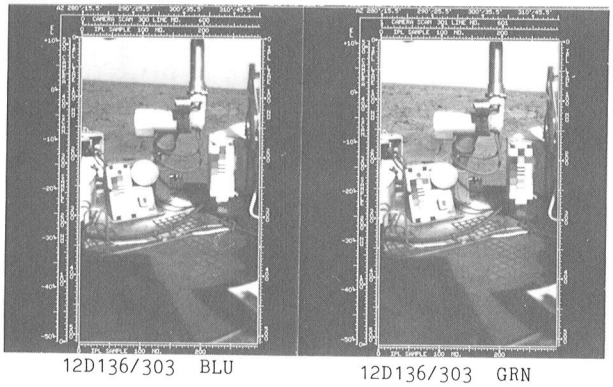
VL-I



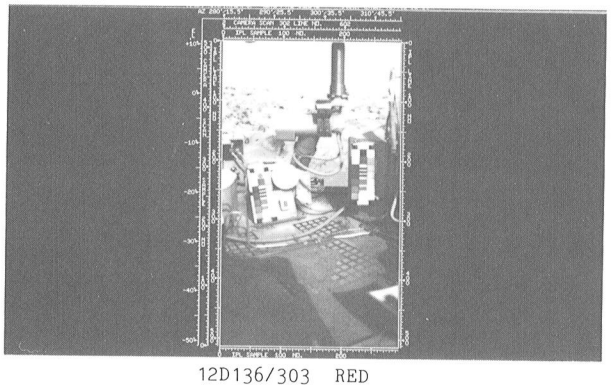
11D135/303 SUR 1/2



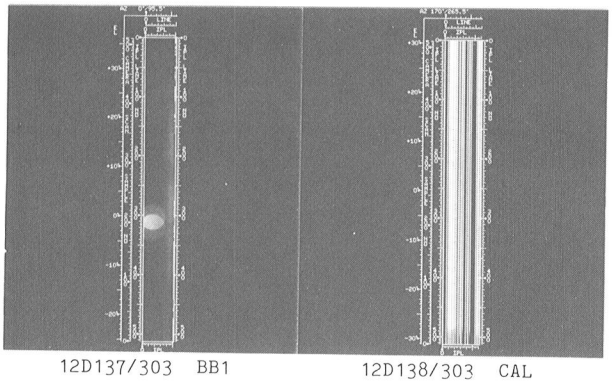
11D135/303 SUR 2/2



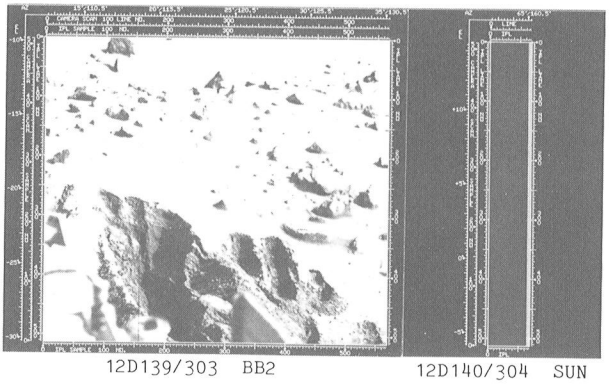
12D136/303 BLU 12D136/303 GRN



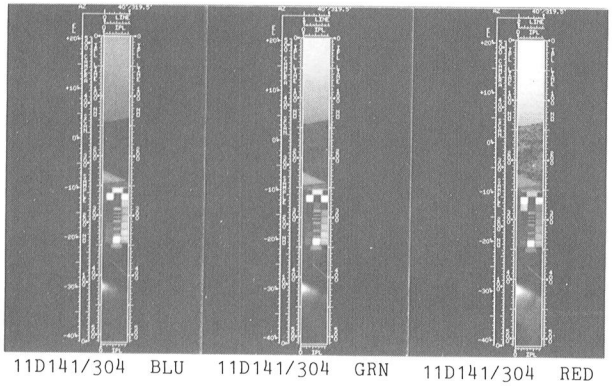
12D136/303 RED



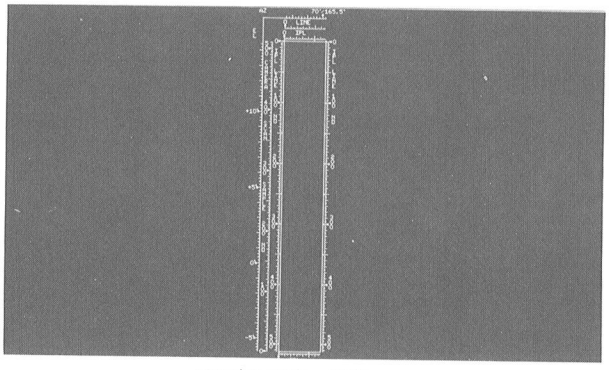
12D137/303 BB1 12D138/303 CAL



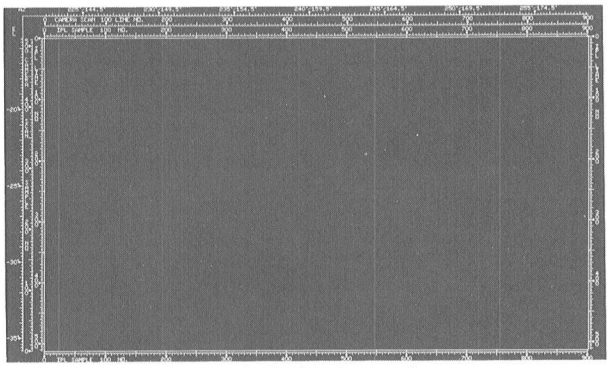
12D139/303 BB2 12D140/304 SUN



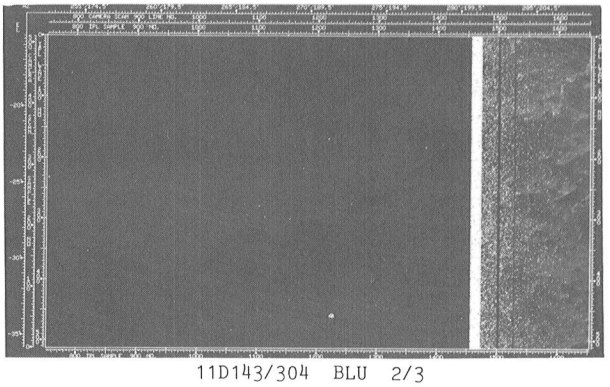
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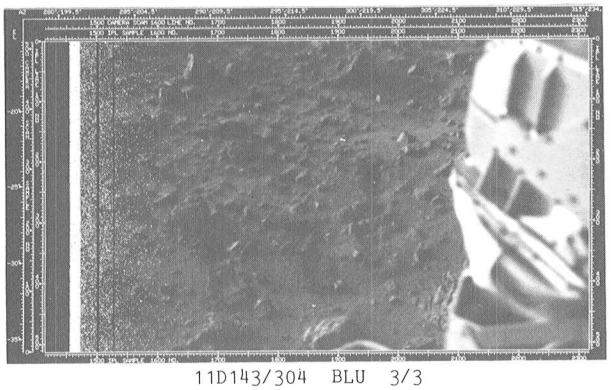
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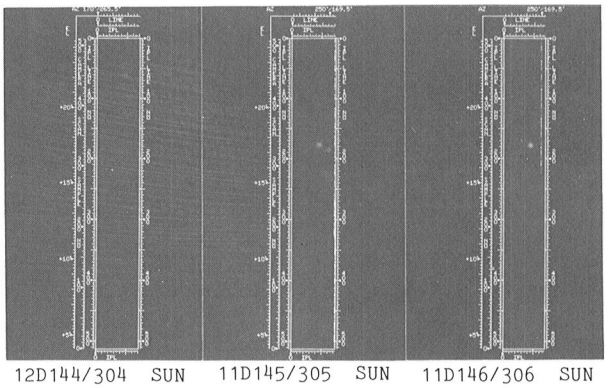
11D143/304 BLU 1/3



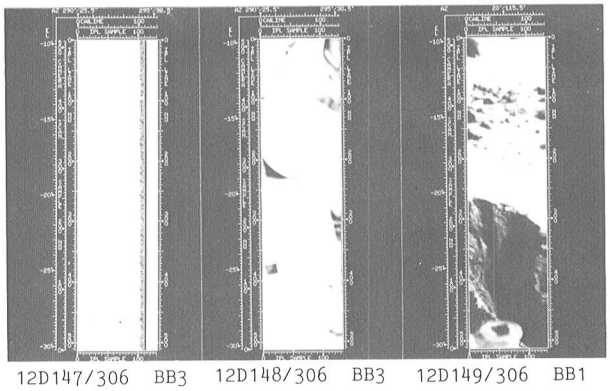
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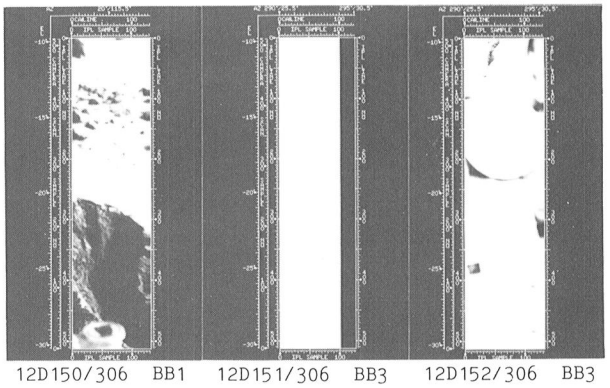
11D143/304 BLU 3/3



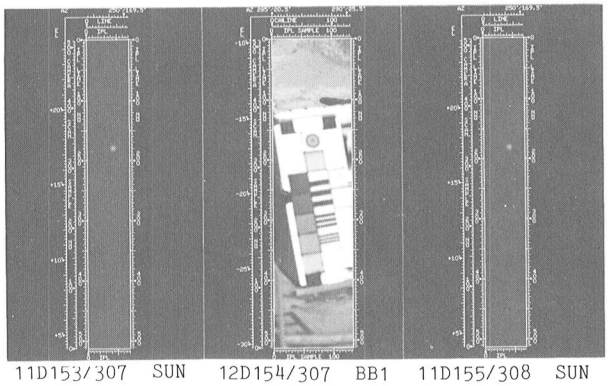
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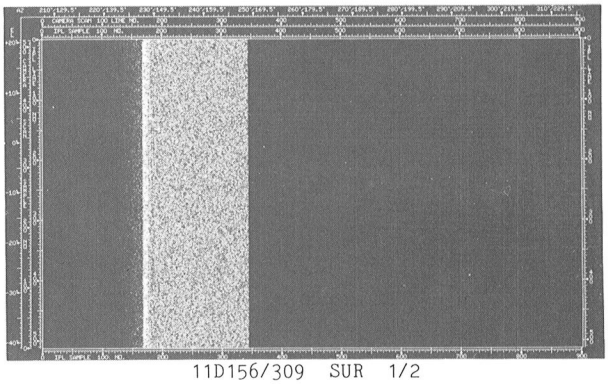
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12D150/306 BB1 12D151/306 BB3 12D152/306 BB3

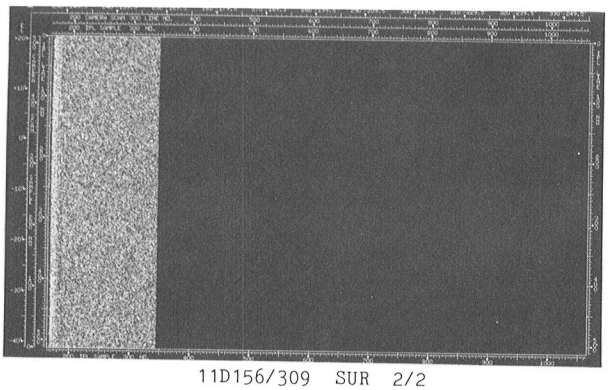


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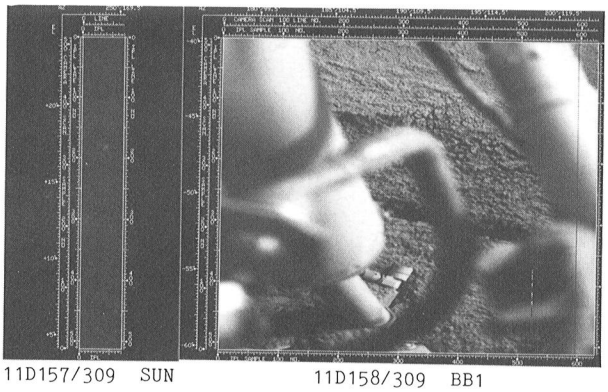


11D156/309 SUR 1/2

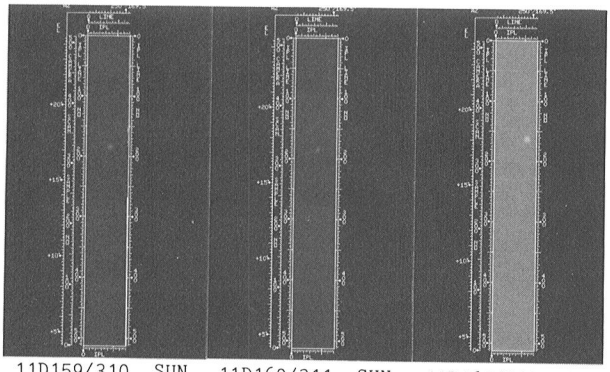
VL-I



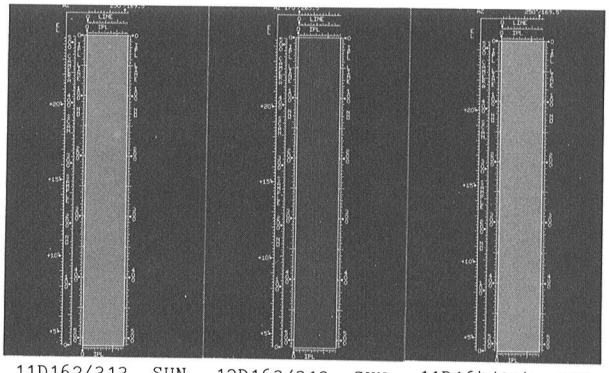
11D156/309 SUR 2/2



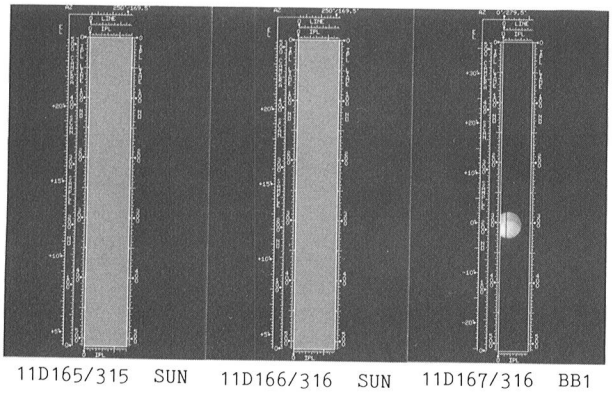
11D157/309 SUN 11D158/309 BB1



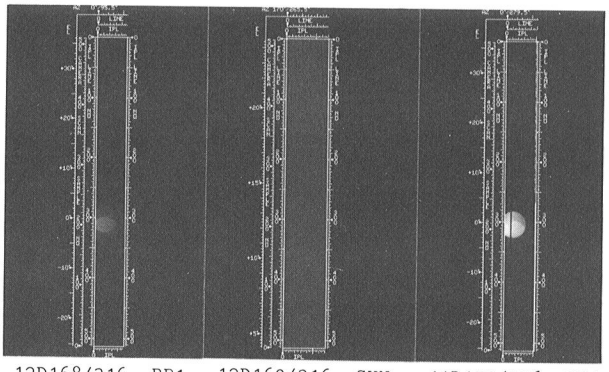
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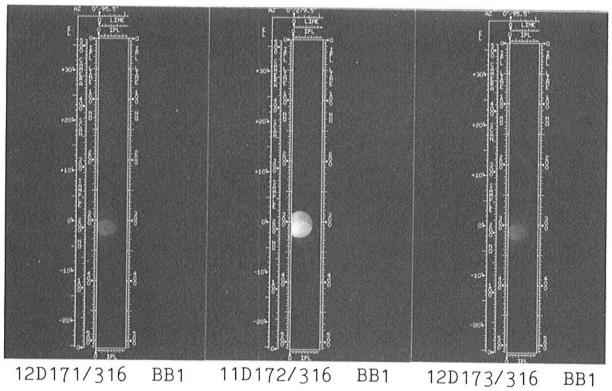
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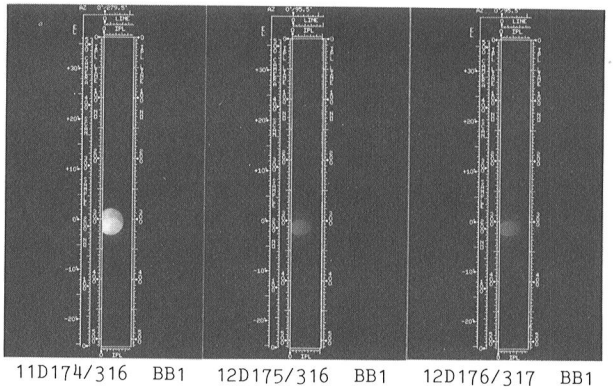
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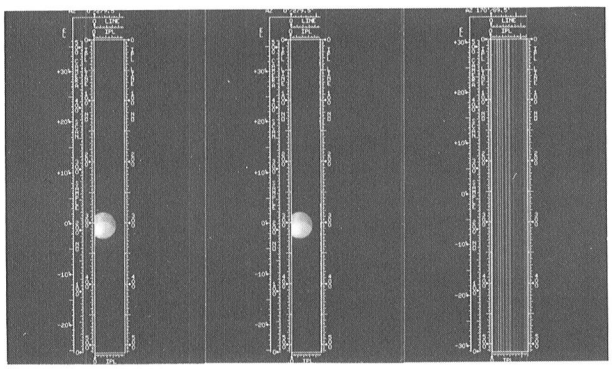
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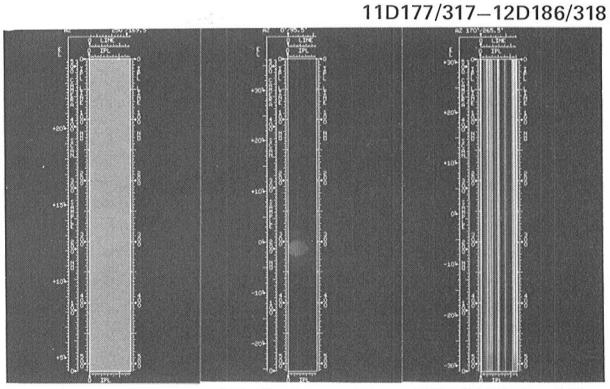
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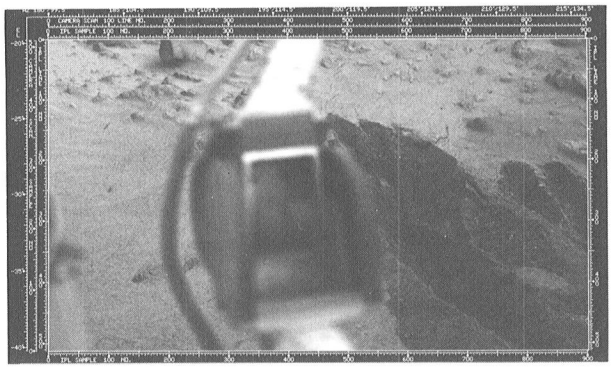
11D174/316 BB1 12D175/316 BB1 12D176/317 BB1



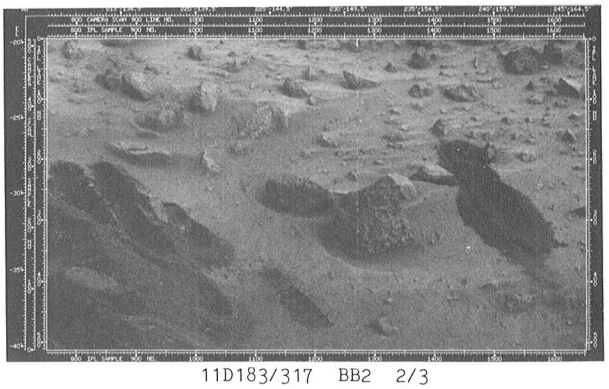
11D177/317 BB1 11D178/317 BB1 11D179/317 CAL



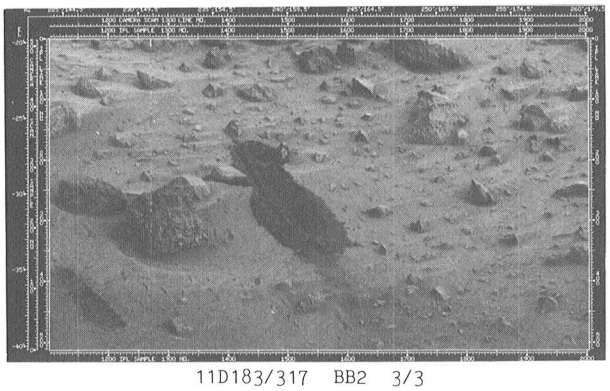
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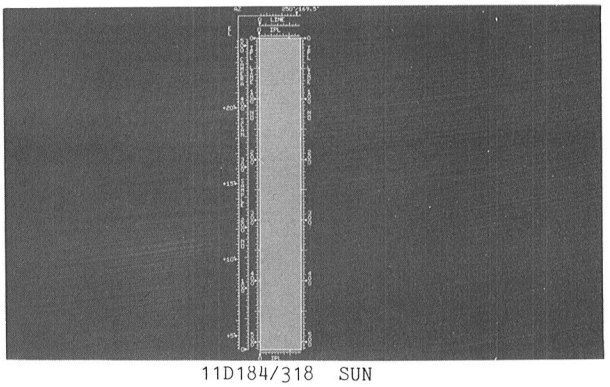
11D183/317 BB2 1/3



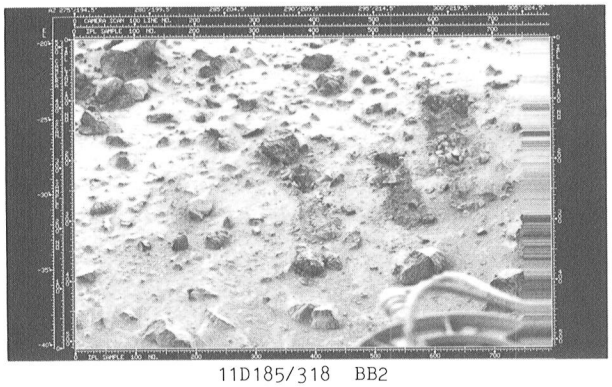
11D183/317 BB2 2/3



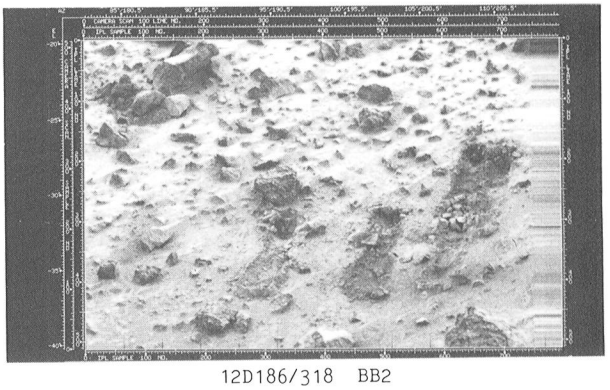
11D183/317 BB2 3/3



11D184/318 SUN



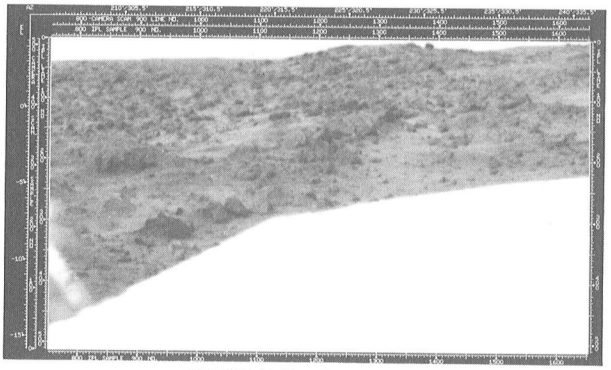
11D185/318 BB2



12D186/318 BB2



12D187/318 BLU 1/3



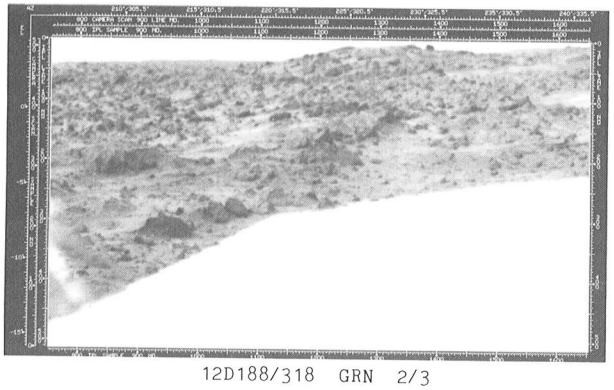
12D187/318 BLU 2/3



12D187/318 BLU 3/3



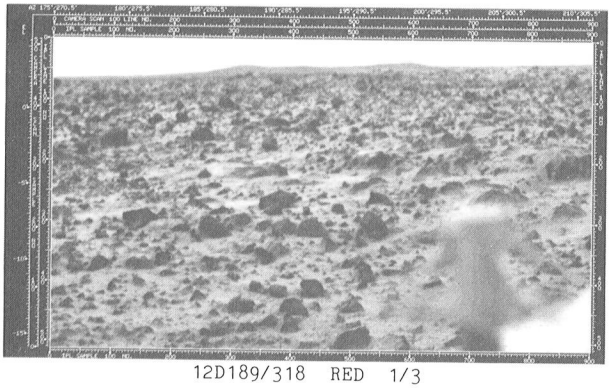
12D188/318 GRN 1/3



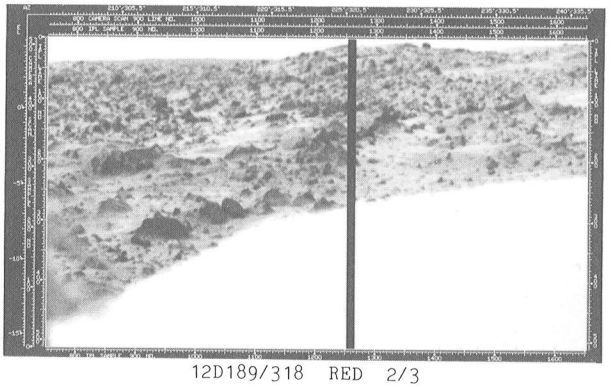
12D188/318 GRN 2/3



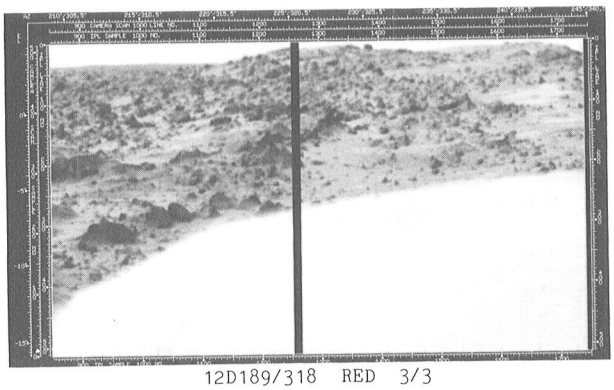
12D188/318 GRN 3/3



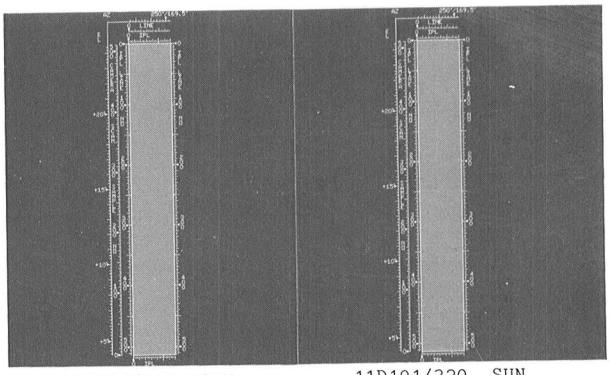
12D189/318 RED 1/3



12D189/318 RED 2/3

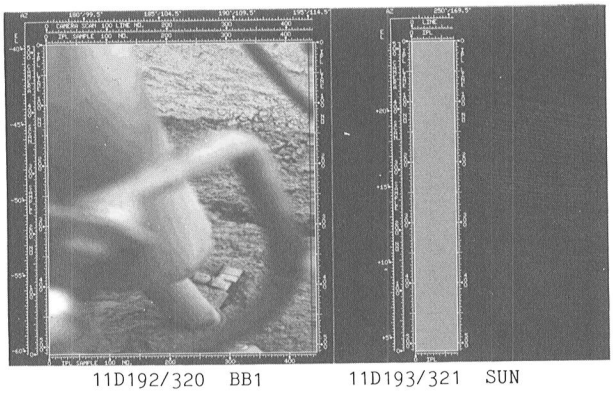


12D189/318 RED 3/3



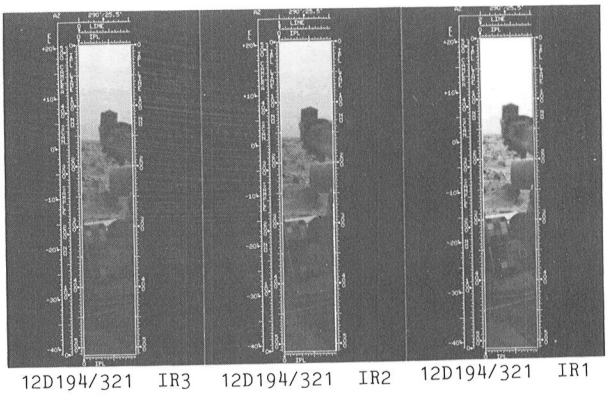
11D190/319 SUN

11D191/320 SUN



11D192/320 BB1

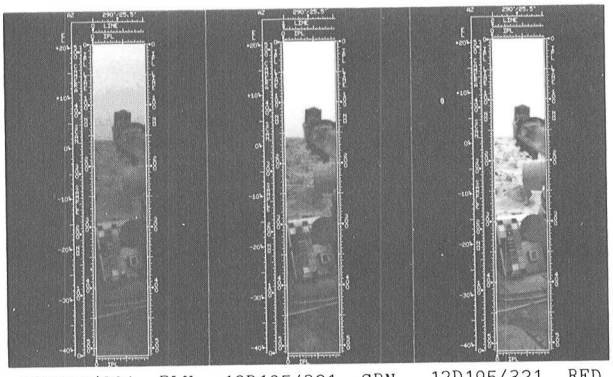
11D193/321 SUN



12D194/321 IR3

12D194/321 IR2

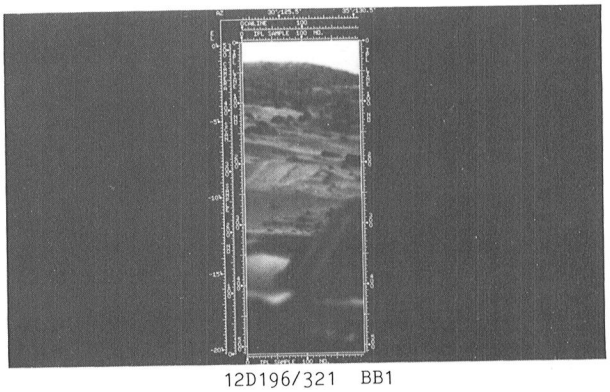
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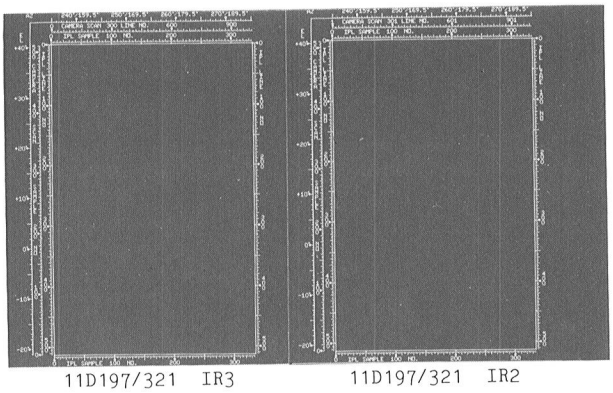
12D195/321 BLU

12D195/321 GRN

12D195/321 RED

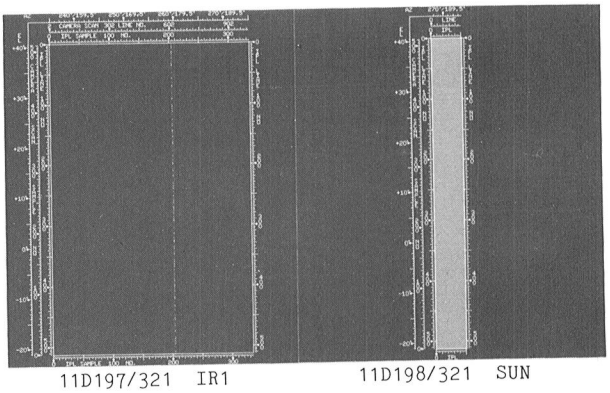


12D196/321 BB1



11D197/321 IR3

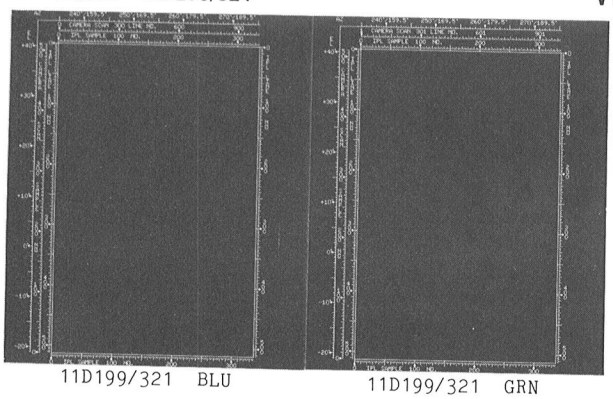
11D197/321 IR2



11D197/321 IR1

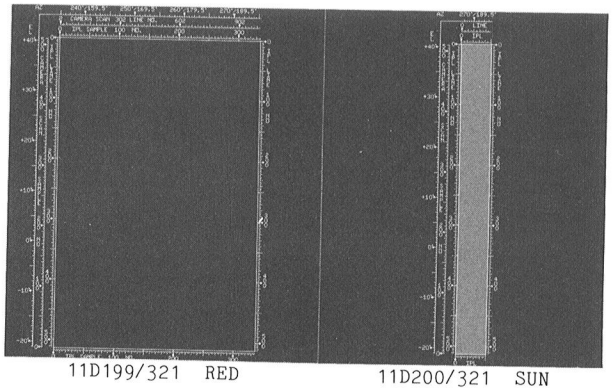
11D198/321 SUN

VL-I



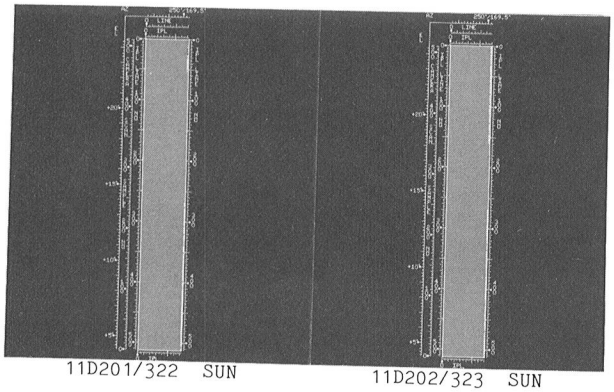
11D199/321 BLU

11D199/321 GRN



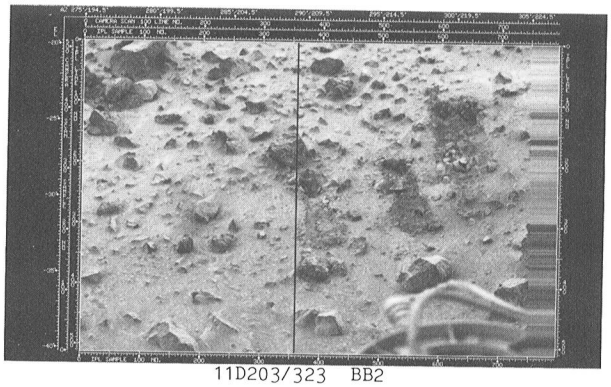
11D199/321 RED

11D200/321 SUN

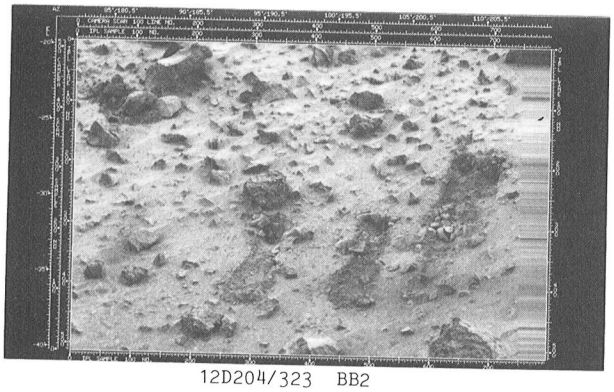


11D201/322 SUN

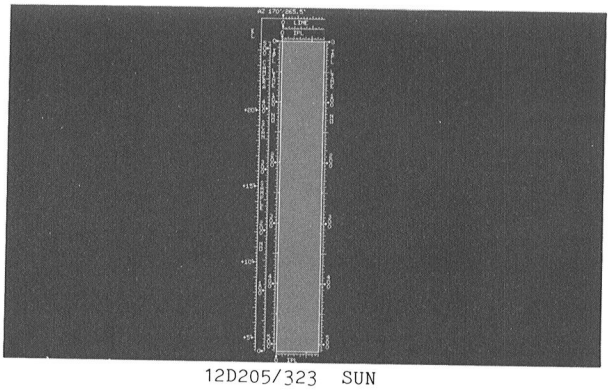
11D202/323 SUN



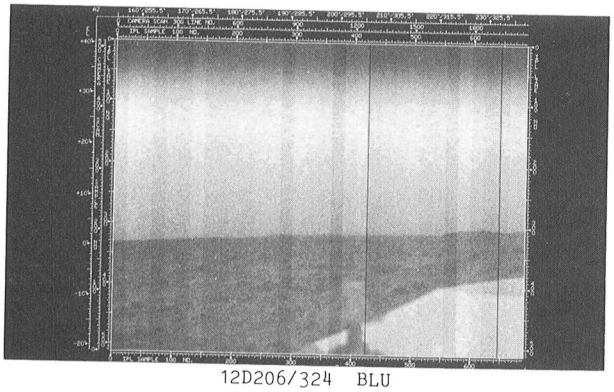
11D203/323 BB2



12D204/323 BB2



12D205/323 SUN



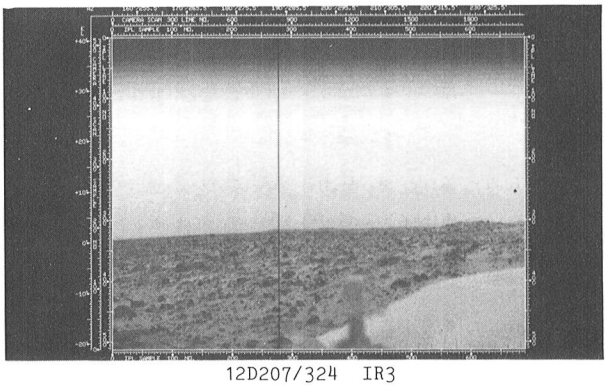
12D206/324 BLU



12D206/324 GRN



12D206/324 RED



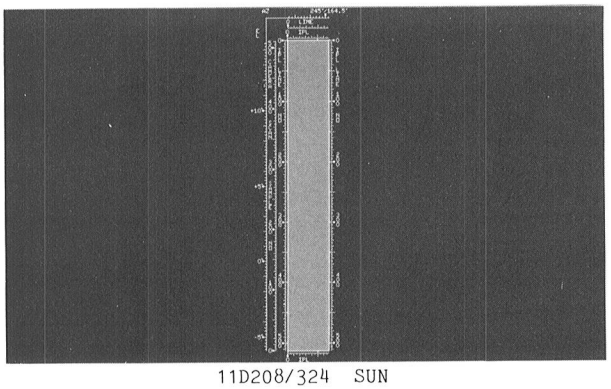
12D207/324 IR3



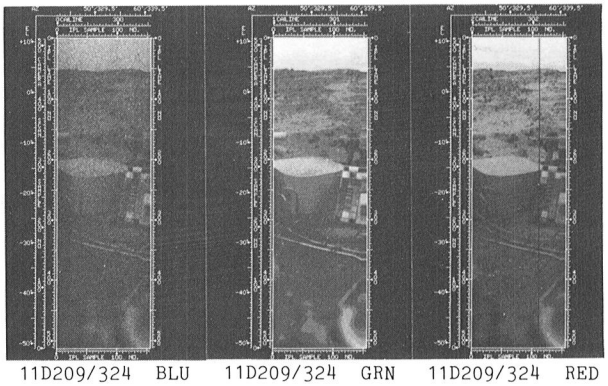
12D207/324 IR2



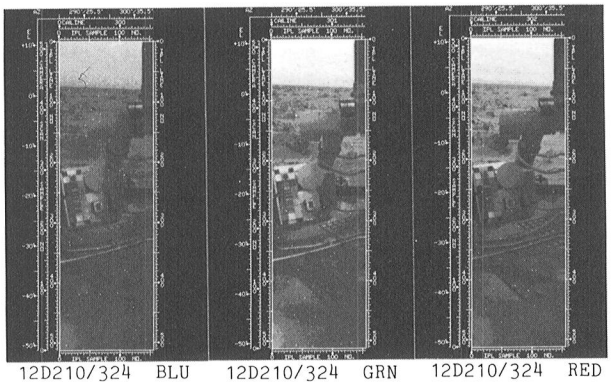
12D207/324 IR1



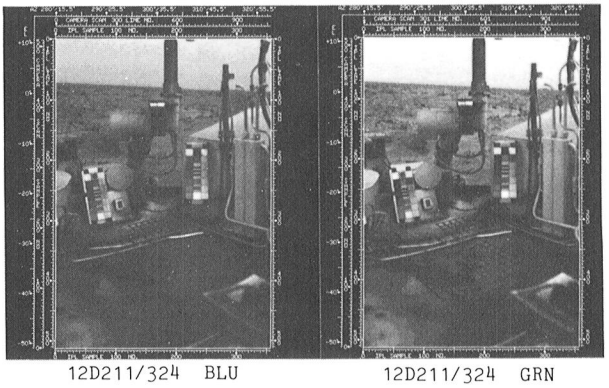
11D208/324 SUN



11D209/324 BLU 11D209/324 GRN 11D209/324 RED

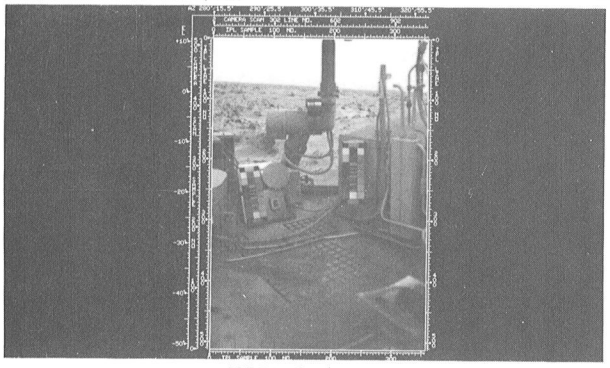


12D210/324 BLU 12D210/324 GRN 12D210/324 RED

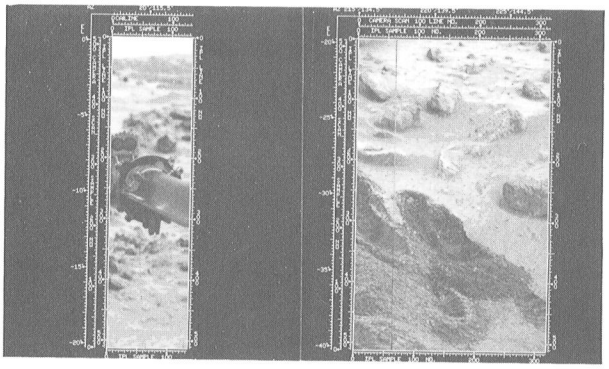


12D211/324 BLU 12D211/324 GRN

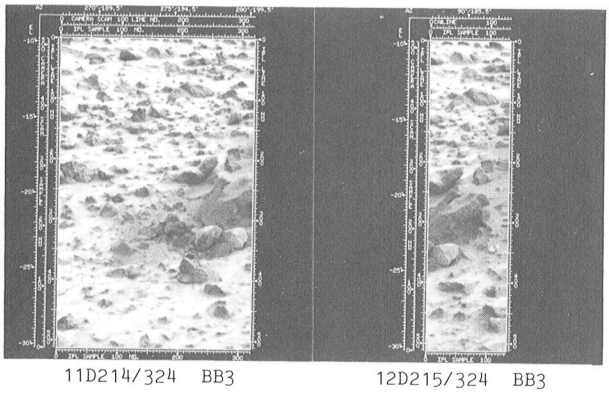
VL-I



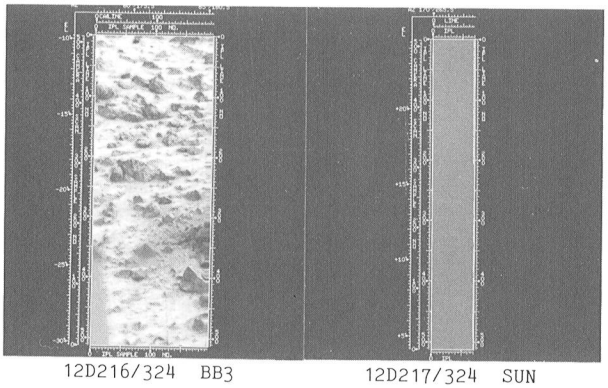
12D211/324 RED



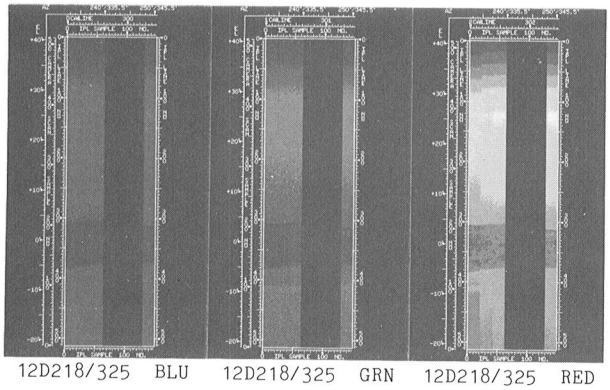
12D212/324 BB1 11D213/324 BB2



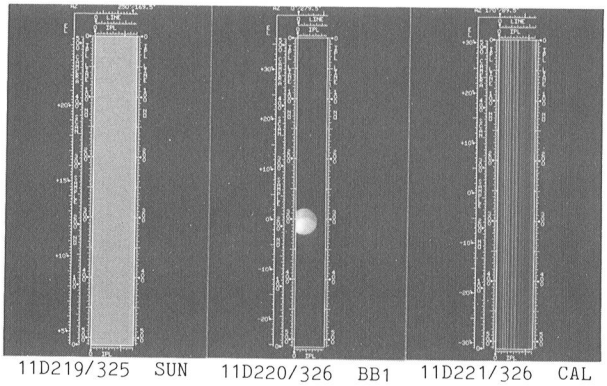
11D214/324 BB3 12D215/324 BB3



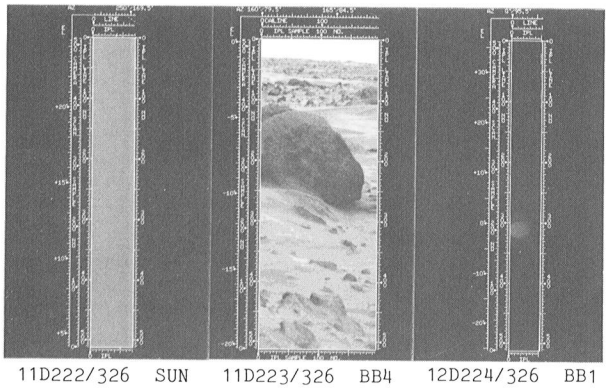
12D216/324 BB3 12D217/324 SUN



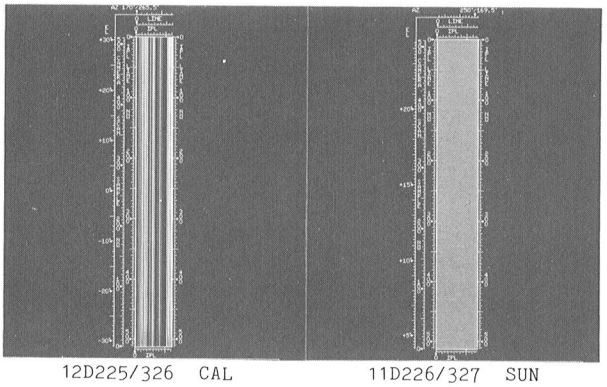
12D218/325 BLU 12D218/325 GRN 12D218/325 RED



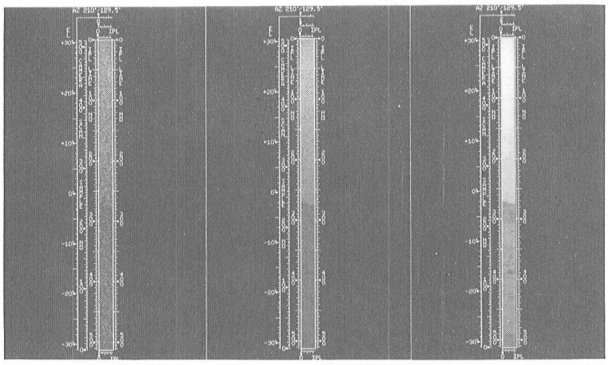
11D219/325 SUN 11D220/326 BB1 11D221/326 CAL



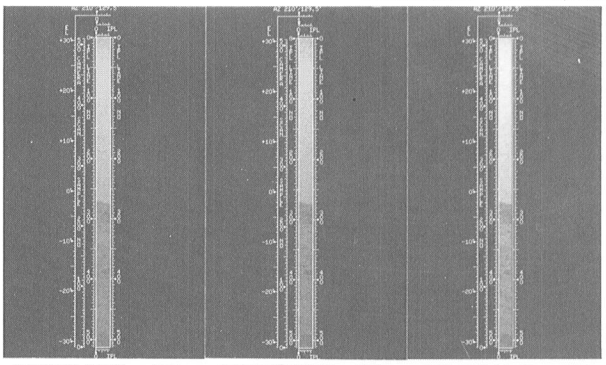
11D222/326 SUN 11D223/326 BB4 12D224/326 BB1



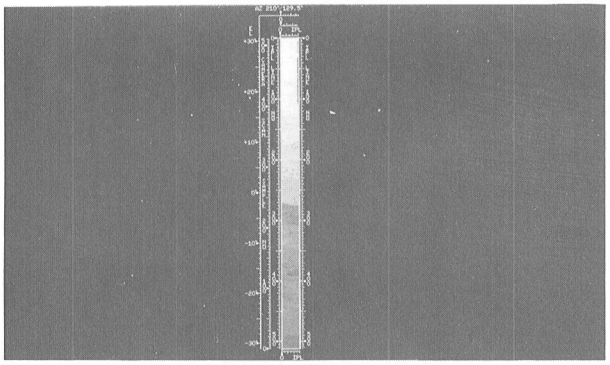
12D225/326 CAL 11D226/327 SUN



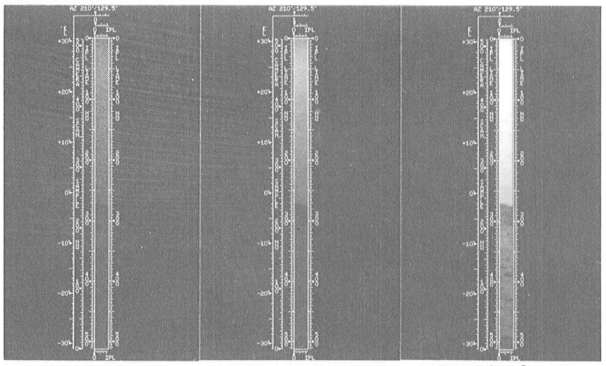
11D227/328 BLU 11D227/328 GRN 11D227/328 RED



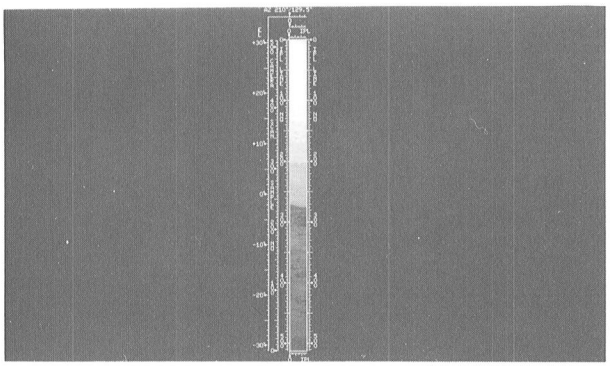
11D228/328 IR3 11D228/328 IR2 11D228/328 IR1



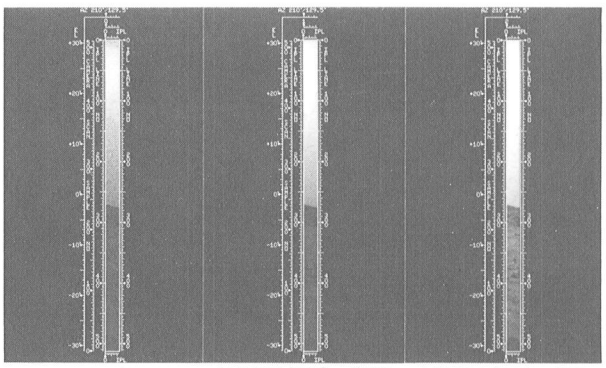
11D229/328 SUR



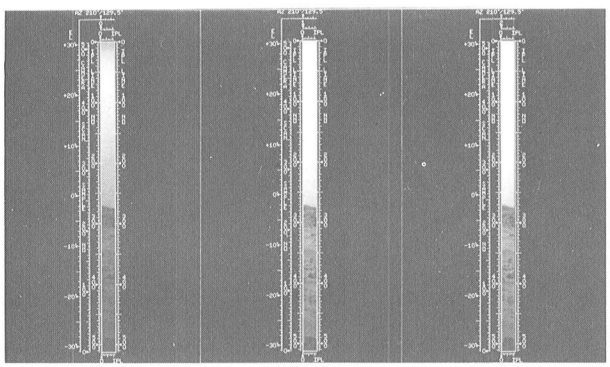
11D230/328 BLU 11D230/328 GRN 11D230/328 RED



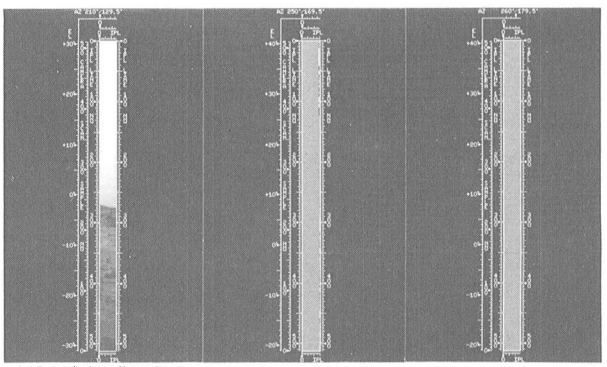
11D231/328 SUR



11D232/328 BLU 11D232/328 GRN 11D232/328 RED

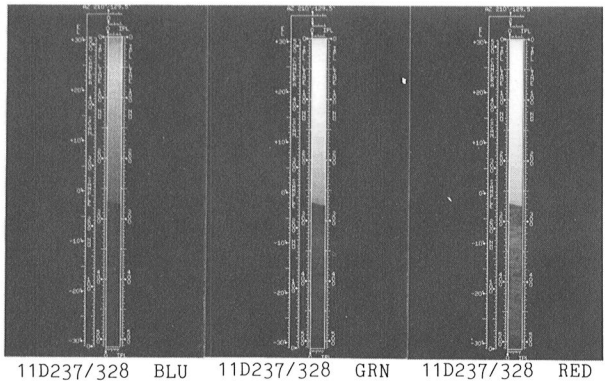


11D233/328 IR3 11D233/328 IR2 11D233/328 IR1

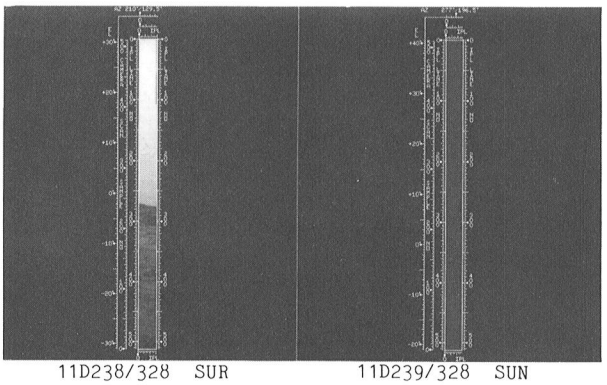


11D234/328 SUR 11D235/328 SUN 11D236/328 SUN

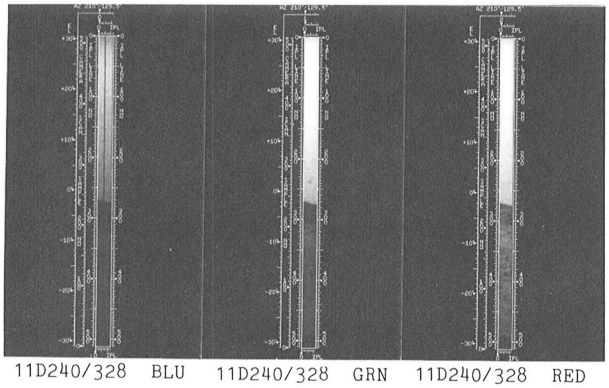
VL-I



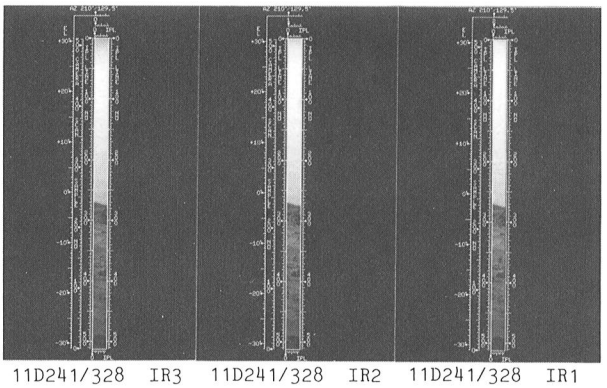
11D237/328 BLU 11D237/328 GRN 11D237/328 RED



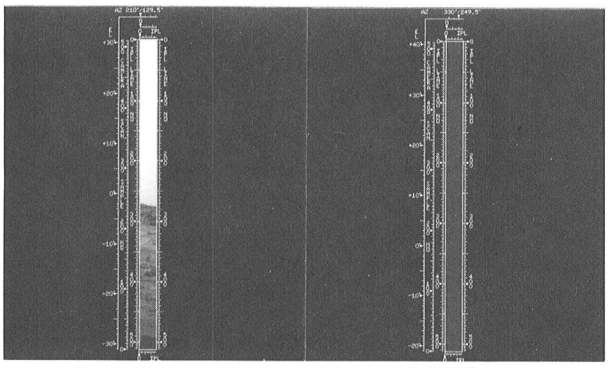
11D238/328 SUR 11D239/328 SUN



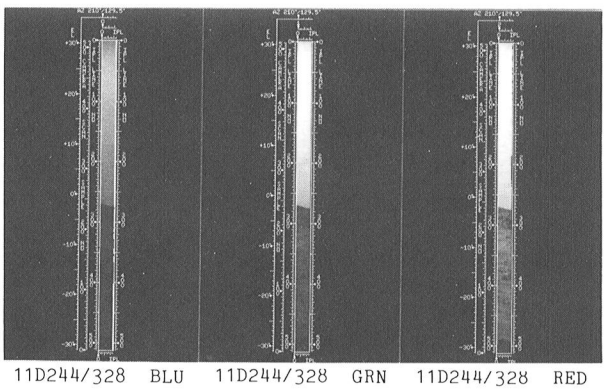
11D240/328 BLU 11D240/328 GRN 11D240/328 RED



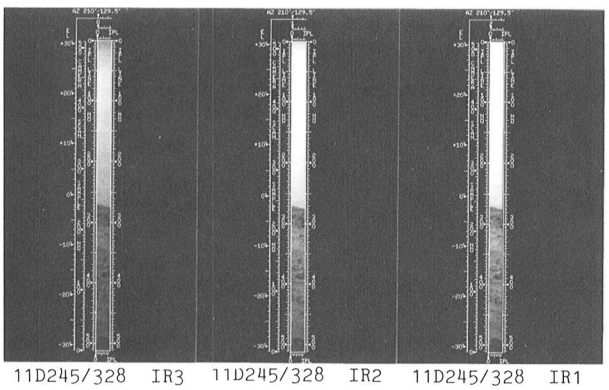
11D241/328 IR3 11D241/328 IR2 11D241/328 IR1



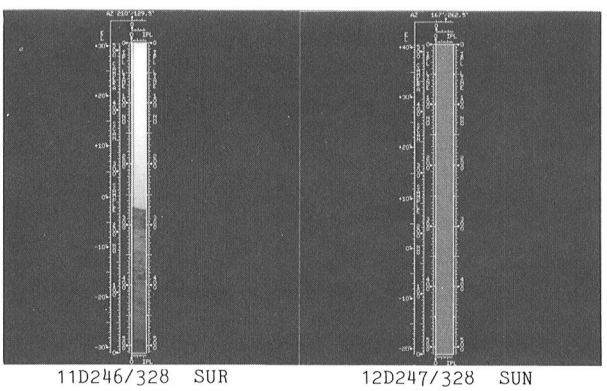
11D242/328 SUR 11D243/328 SUN



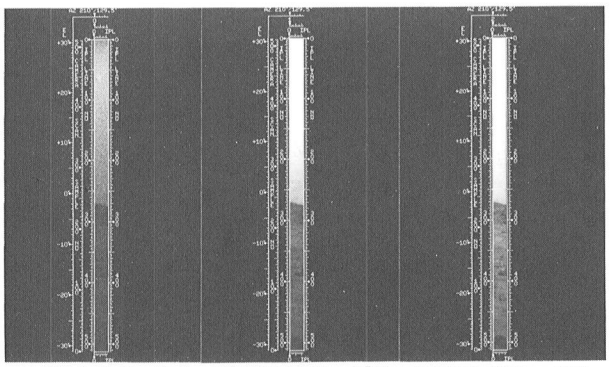
11D244/328 BLU 11D244/328 GRN 11D244/328 RED



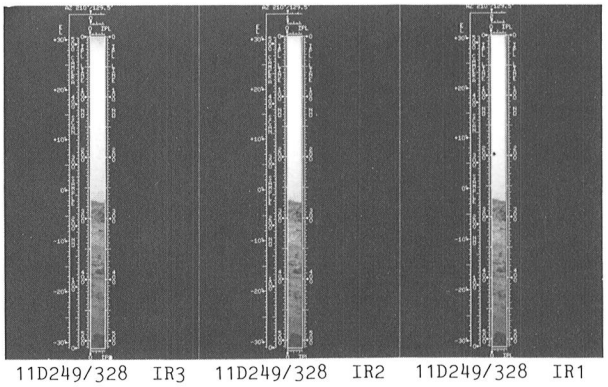
11D245/328 IR3 11D245/328 IR2 11D245/328 IR1



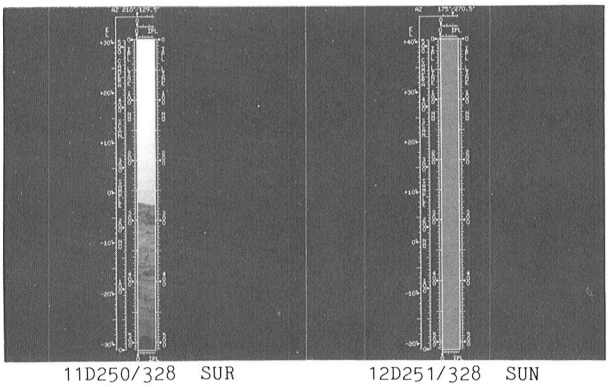
11D246/328 SUR 12D247/328 SUN



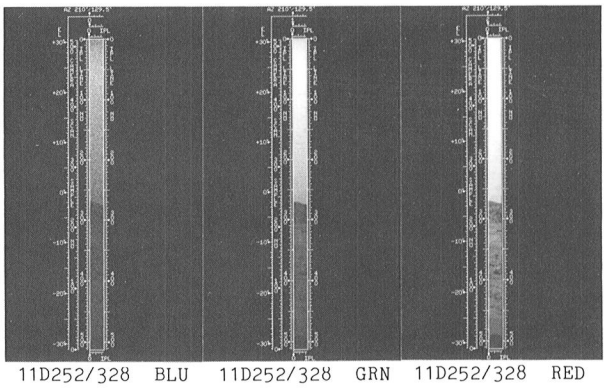
11D248/328 BLU 11D248/328 GRN 11D248/328 RED



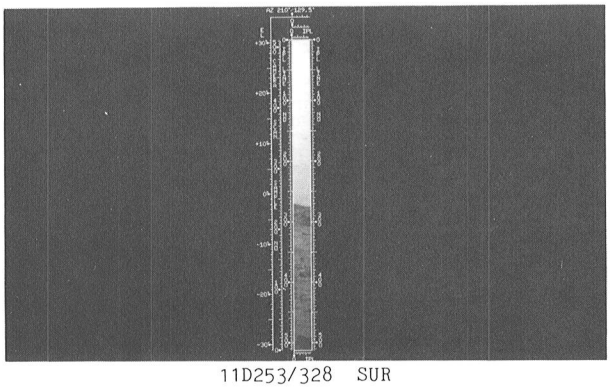
11D249/328 IR3 11D249/328 IR2 11D249/328 IR1



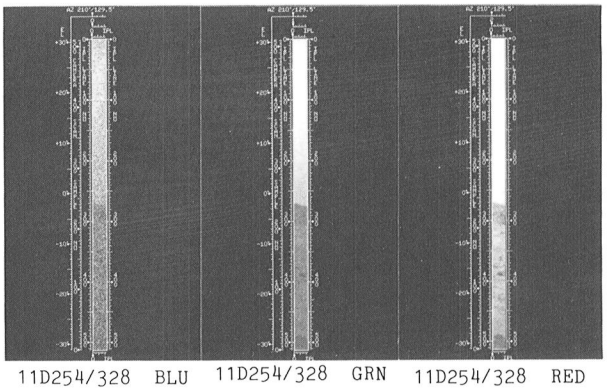
11D250/328 SUR 12D251/328 SUN



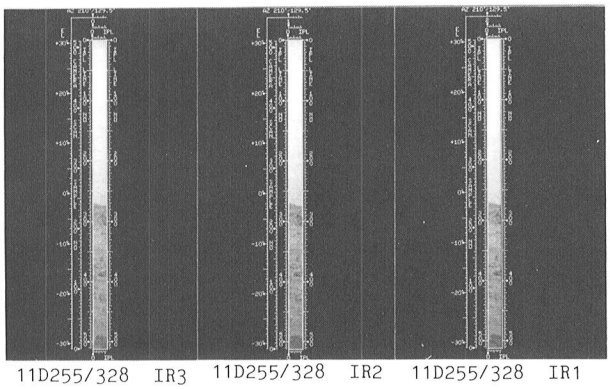
11D252/328 BLU 11D252/328 GRN 11D252/328 RED



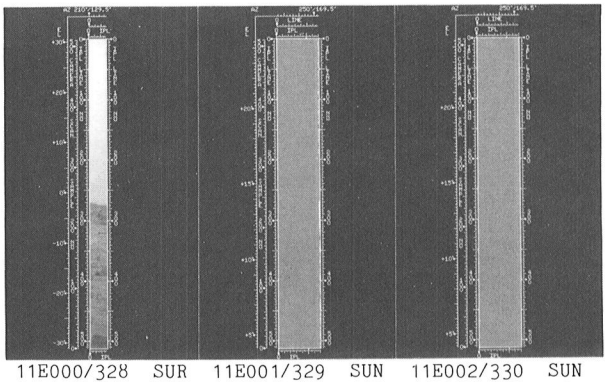
11D253/328 SUR



11D254/328 BLU 11D254/328 GRN 11D254/328 RED

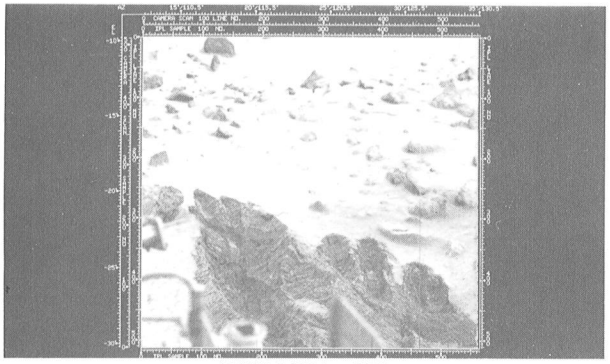


11D255/328 IR3 11D255/328 IR2 11D255/328 IR1

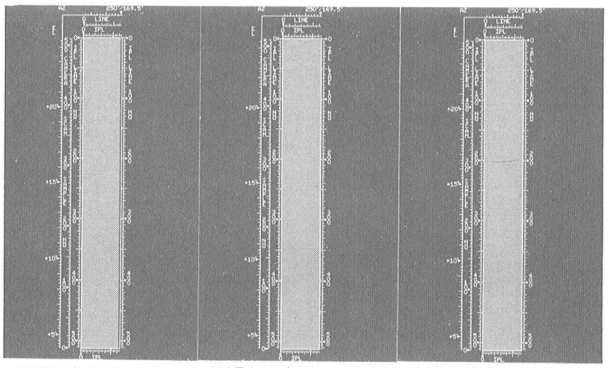


11E000/328 SUR 11E001/329 SUN 11E002/330 SUN

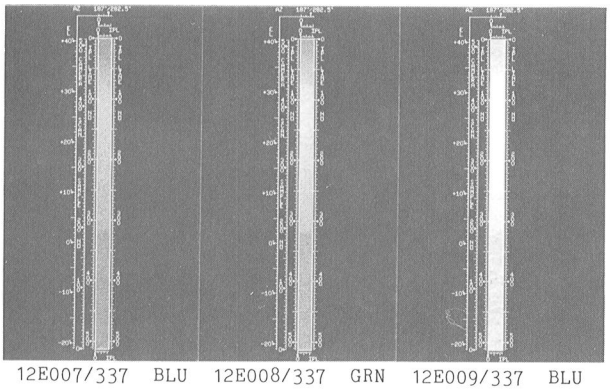
VL-I



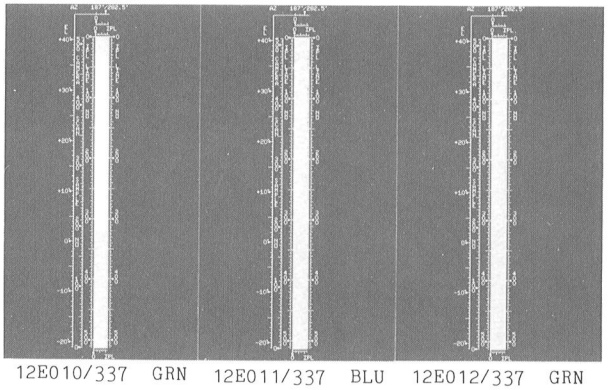
12E003/330 BB2



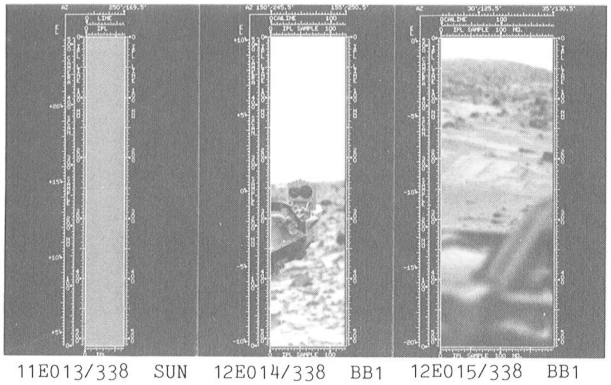
11E004/331 SUN 11E005/333 SUN 11E006/337 SUN



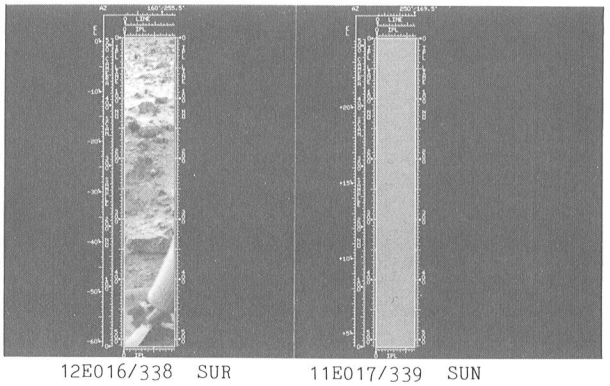
12E007/337 BLU 12E008/337 GRN 12E009/337 BLU



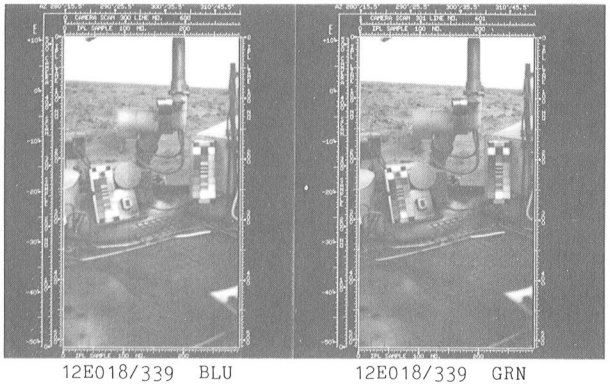
12E010/337 GRN 12E011/337 BLU 12E012/337 GRN



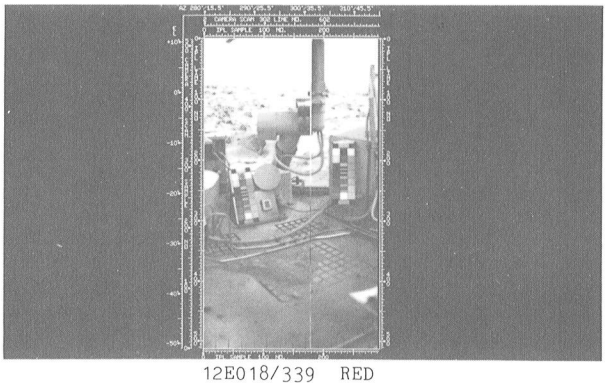
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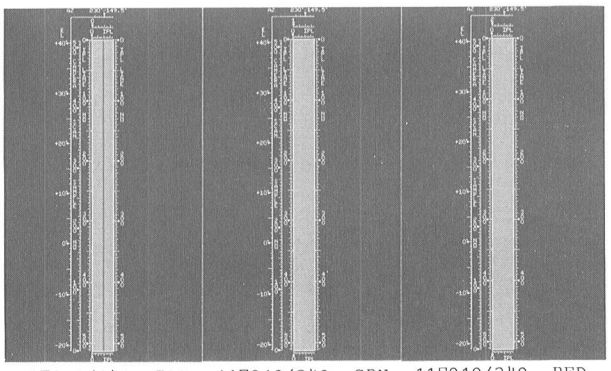
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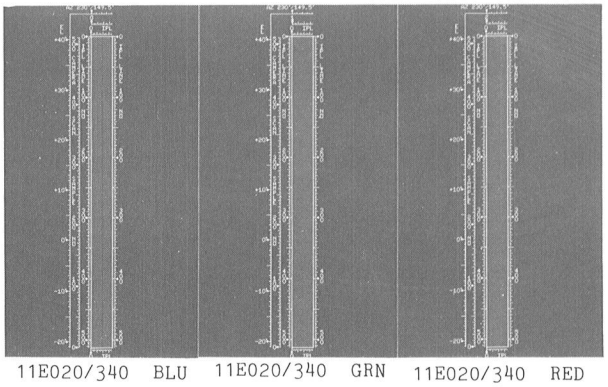
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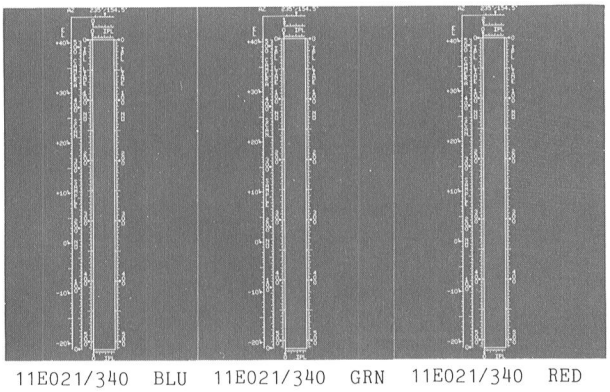
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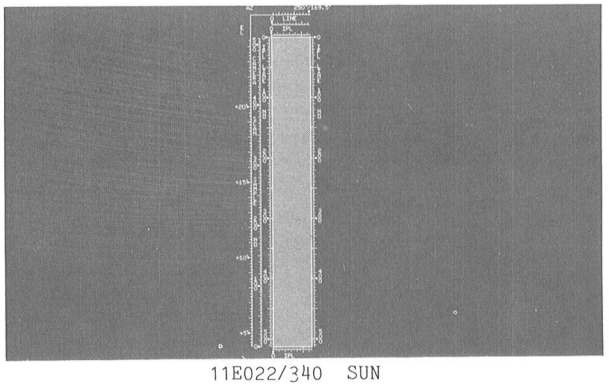
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11E020/340 BLU 11E020/340 GRN 11E020/340 RED



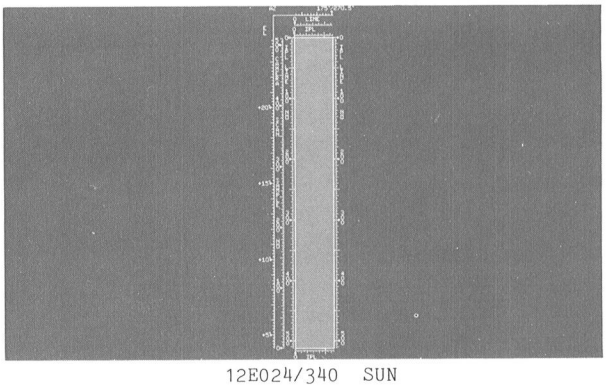
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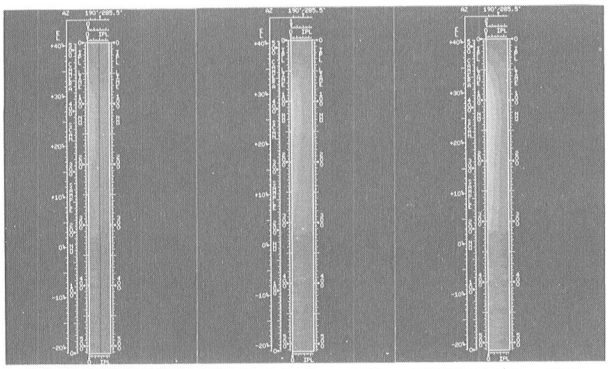
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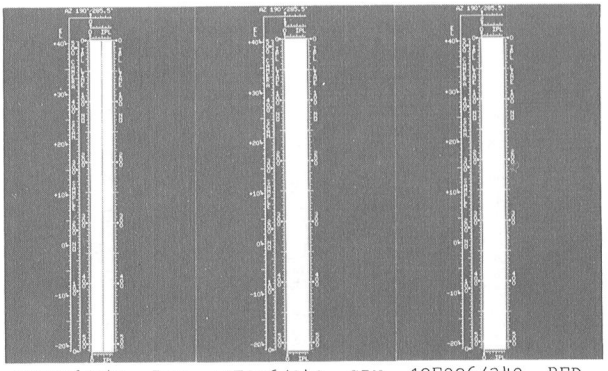
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12E024/340 SUN

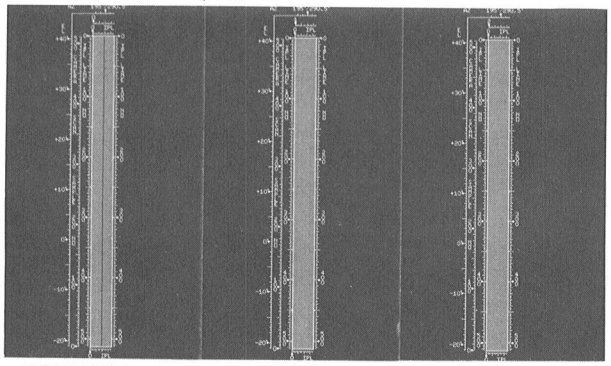


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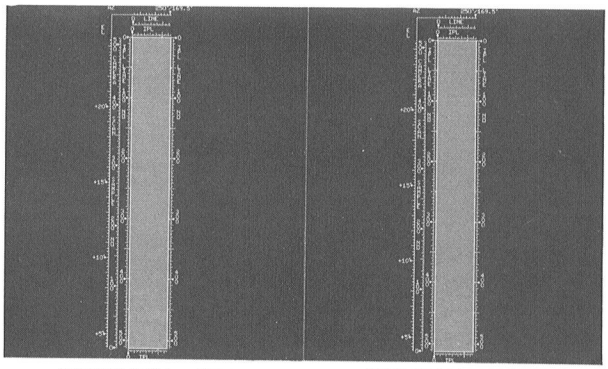


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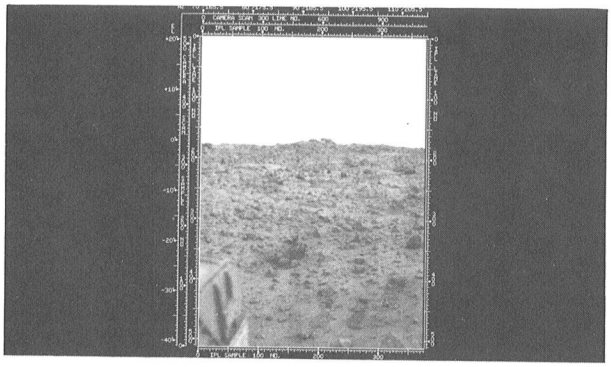
VL-I



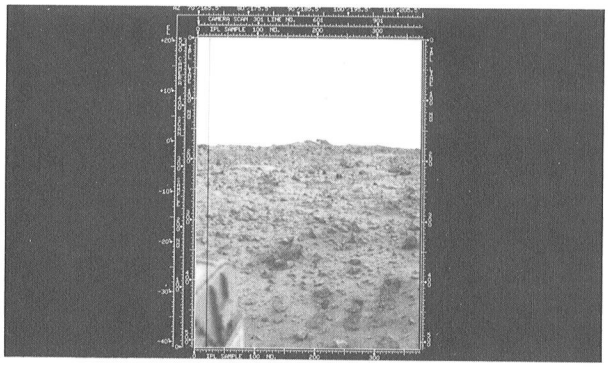
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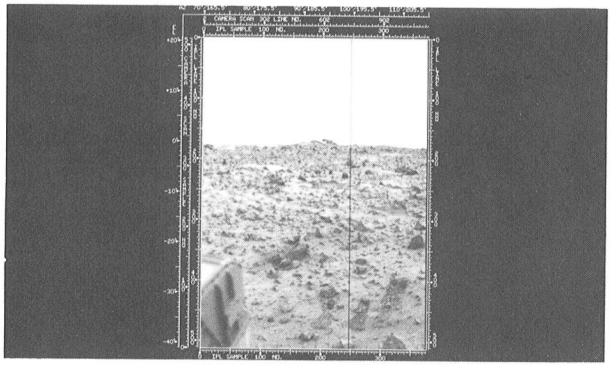
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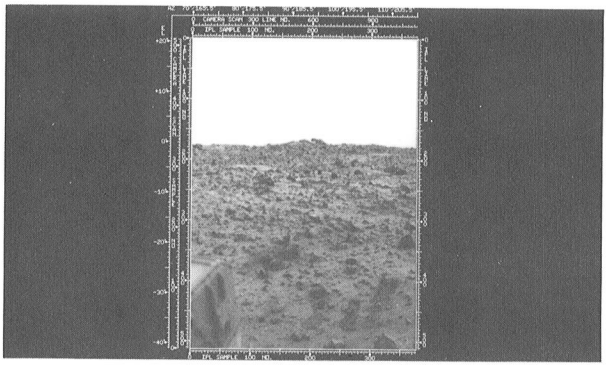
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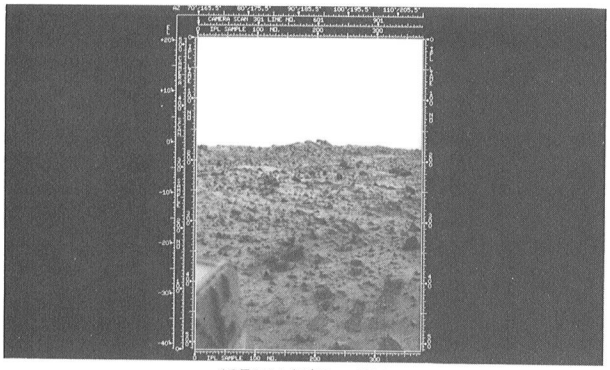
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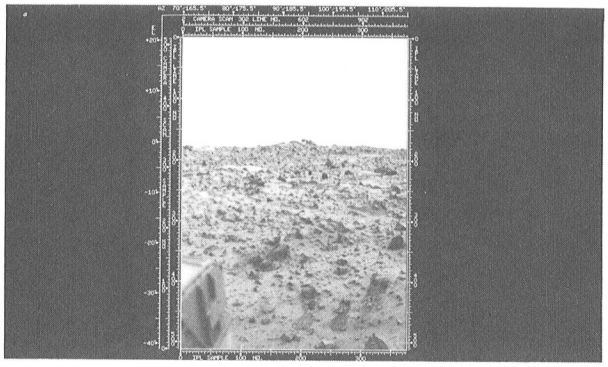
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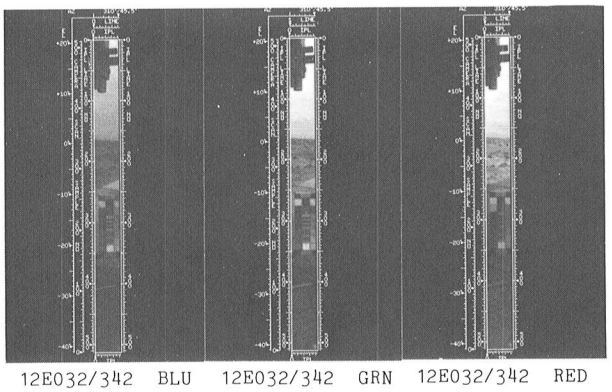
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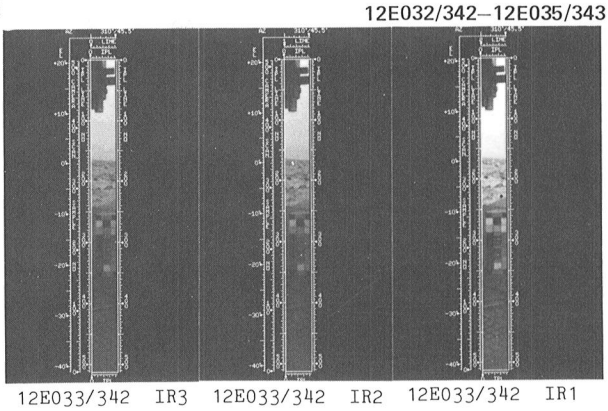
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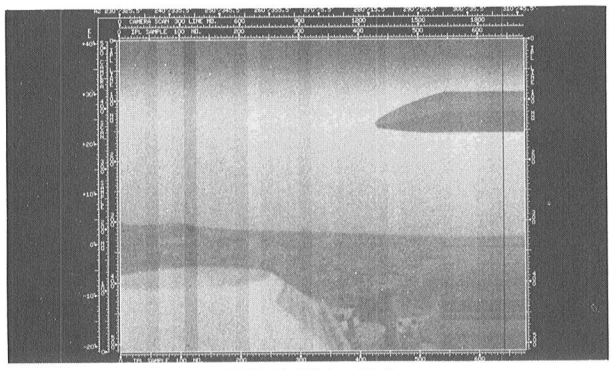
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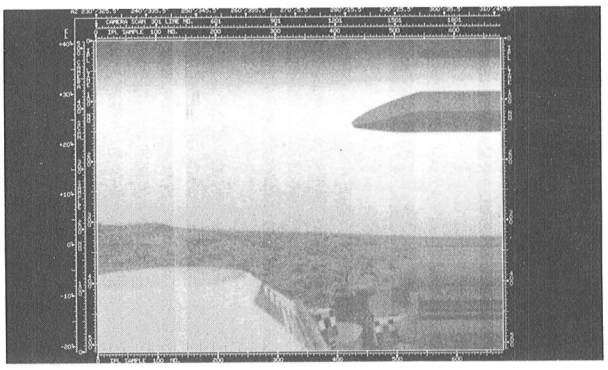
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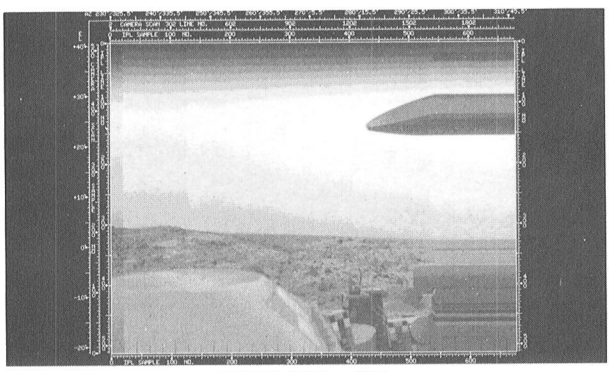
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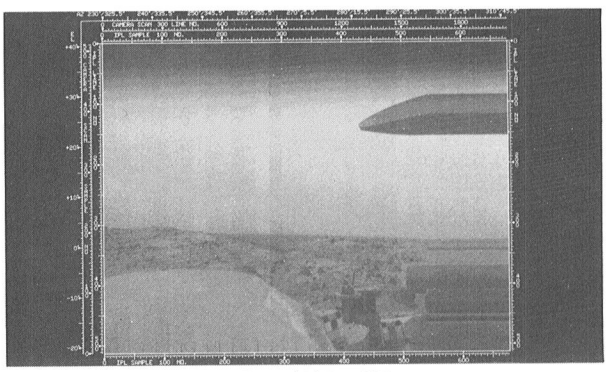
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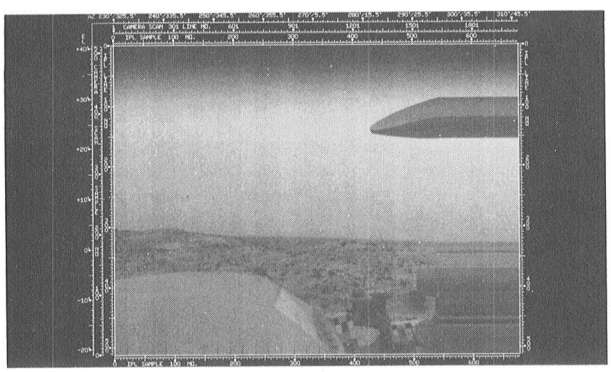
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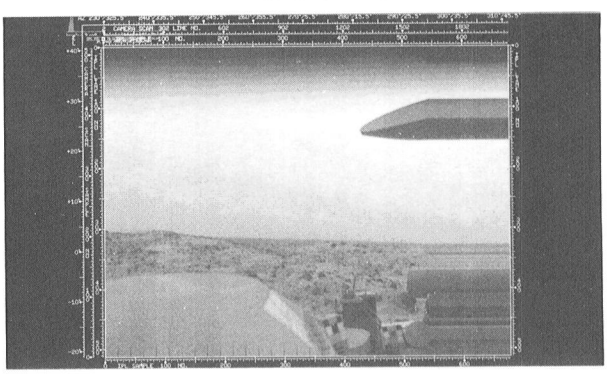
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12E035/343 IR3

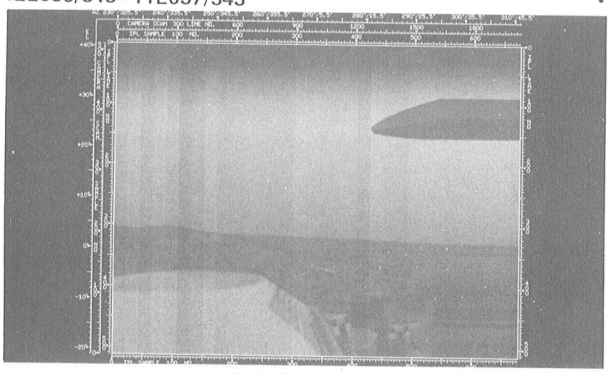


12E035/343 IR2



12E035/343 IR1

VL-I



12E036/343 BLU



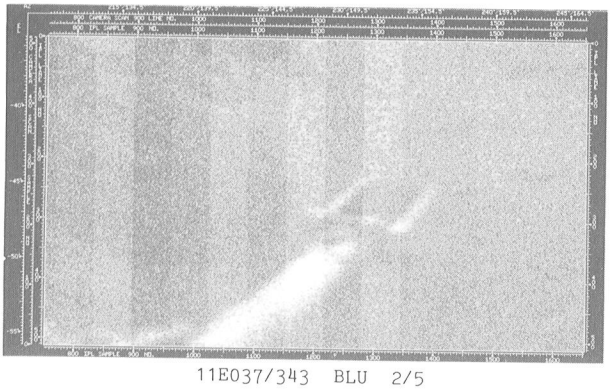
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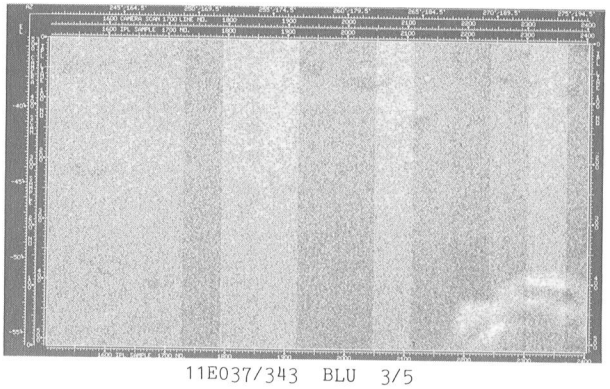
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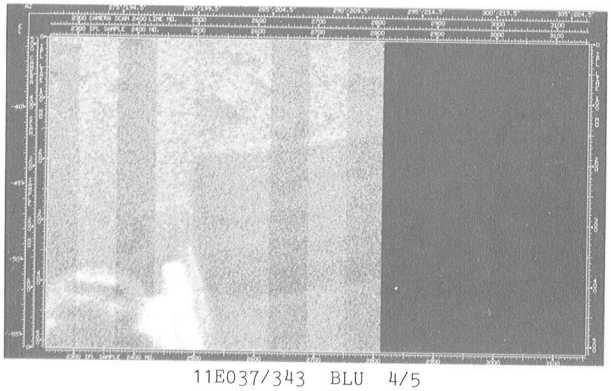
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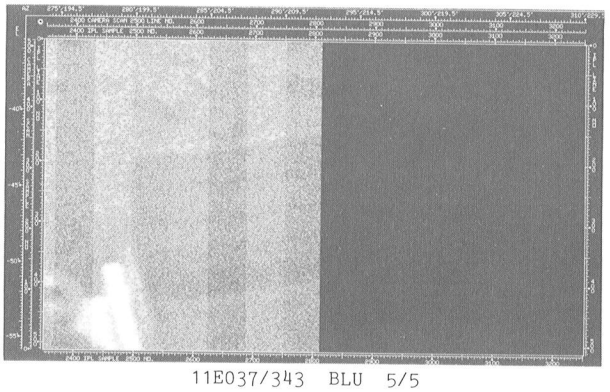
11E037/343 BLU 2/5



11E037/343 BLU 3/5



11E037/343 BLU 4/5



11E037/343 BLU 5/5



11E038/343 GRN 1/5



11E038/343 GRN 2/5



11E038/343 GRN 3/5



11E038/343 GRN 4/5



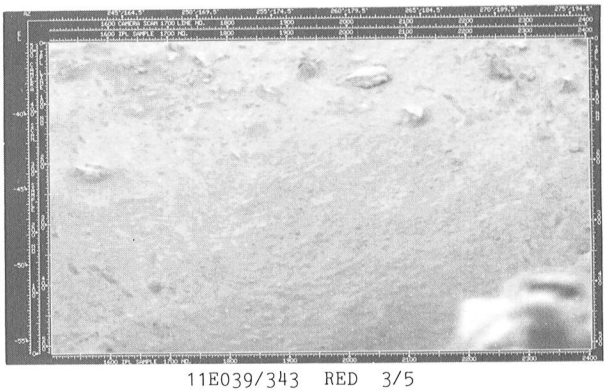
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11E039/343 RED 1/5

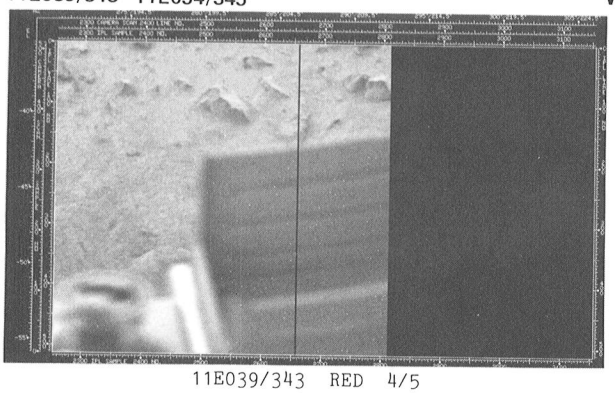


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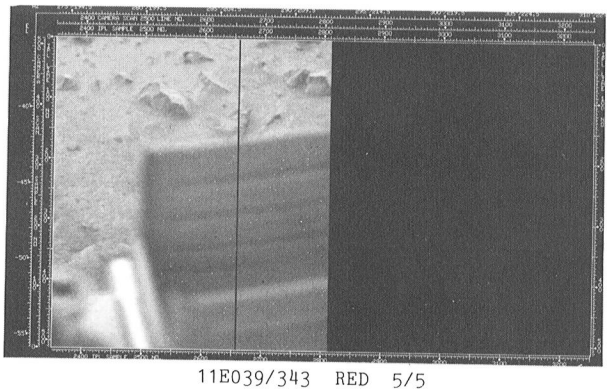


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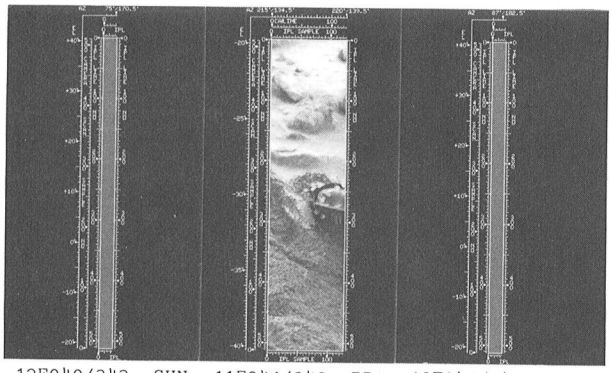
VL-I



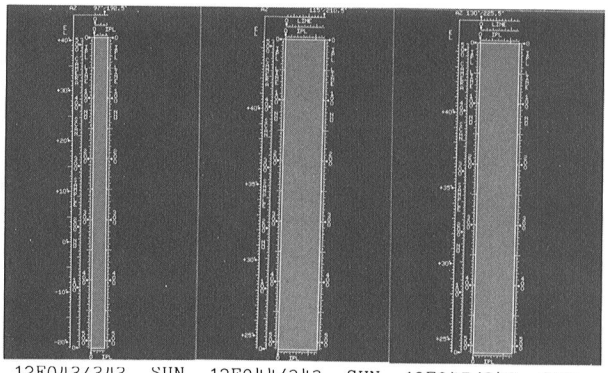
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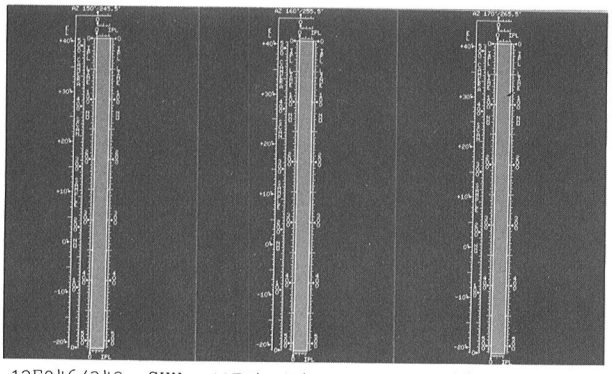
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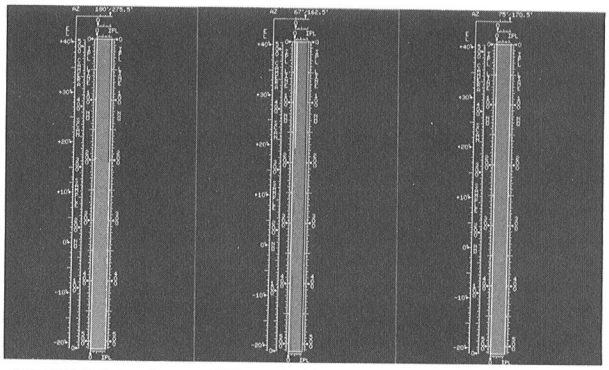
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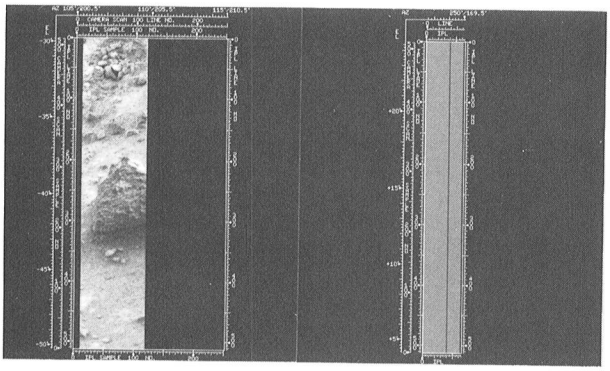
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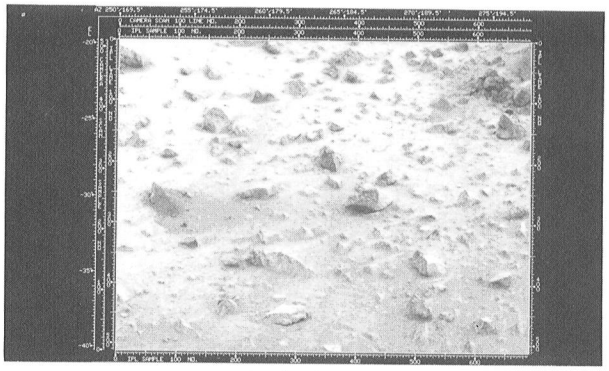
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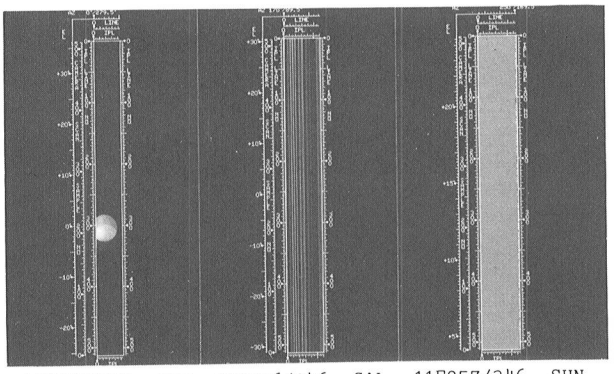
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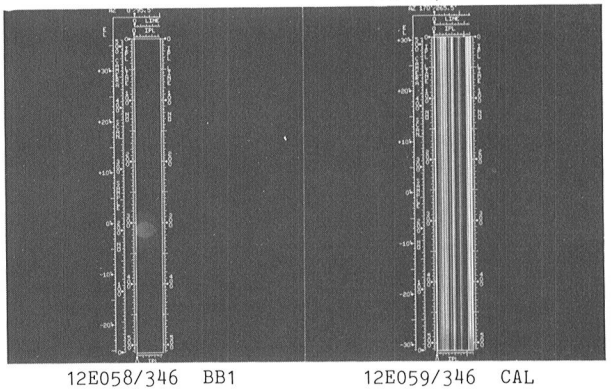
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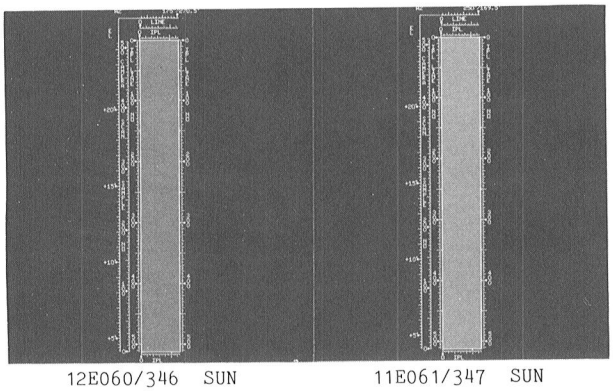
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11E055/346 BB1 11E056/346 CAL 11E057/346 SUN



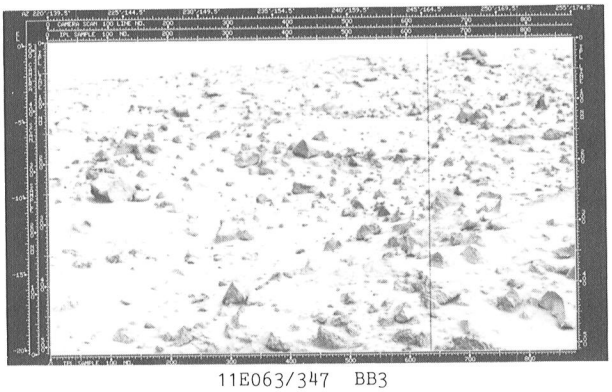
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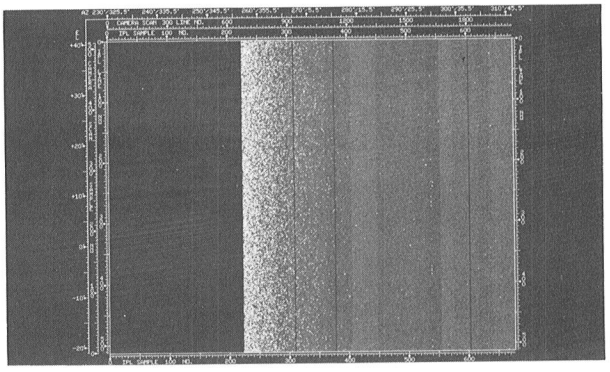
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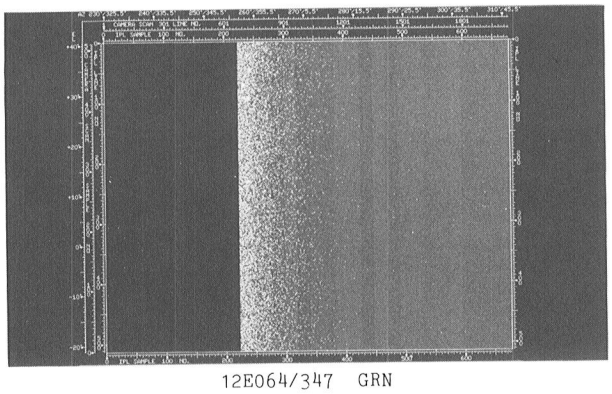
12E062/347 BB1



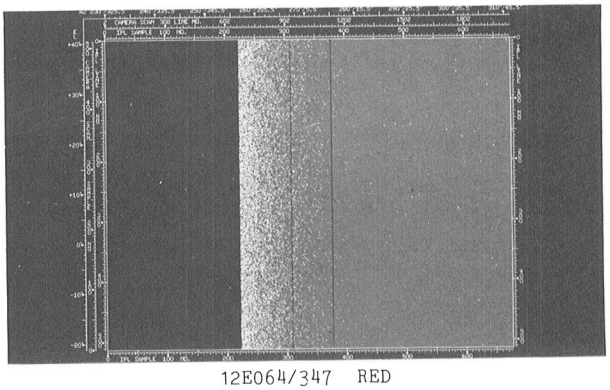
11E063/347 BB3



12E064/347 BLU

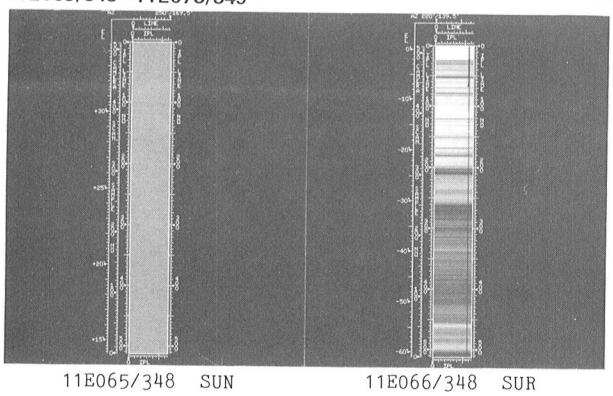


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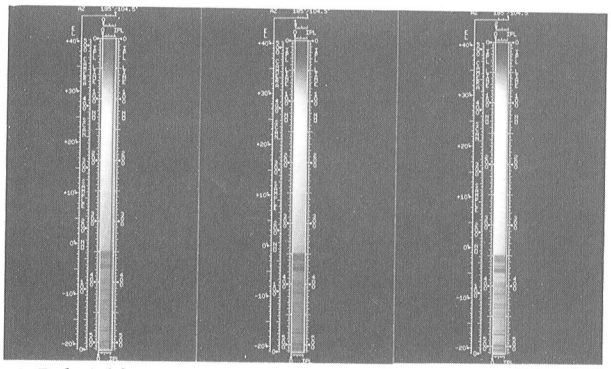


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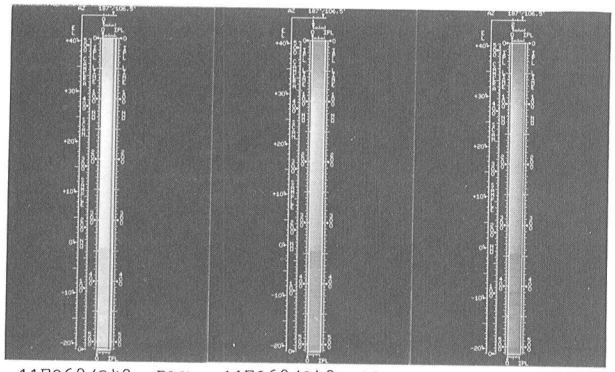
VL-I



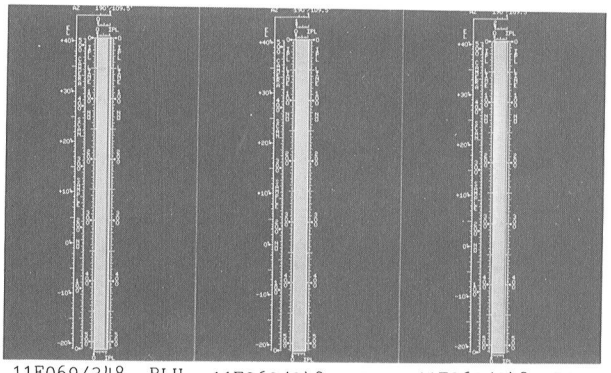
11E065/348 SUN 11E066/348 SUR



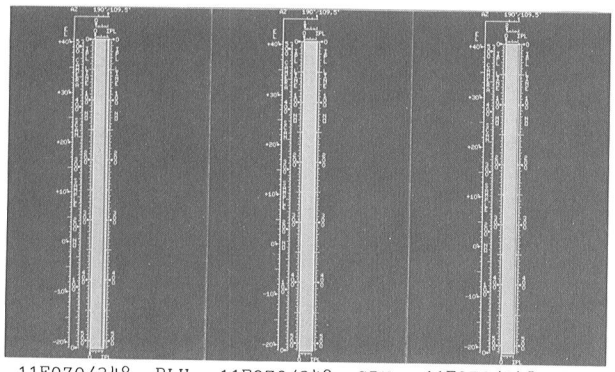
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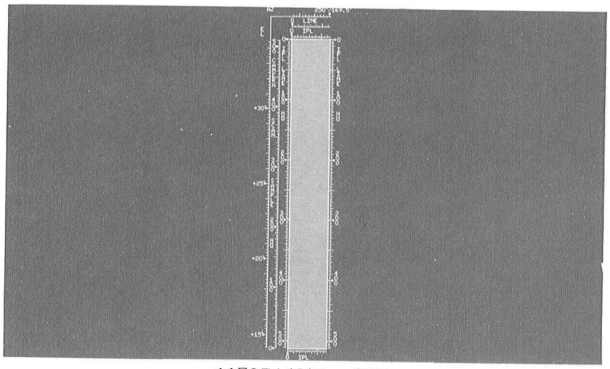
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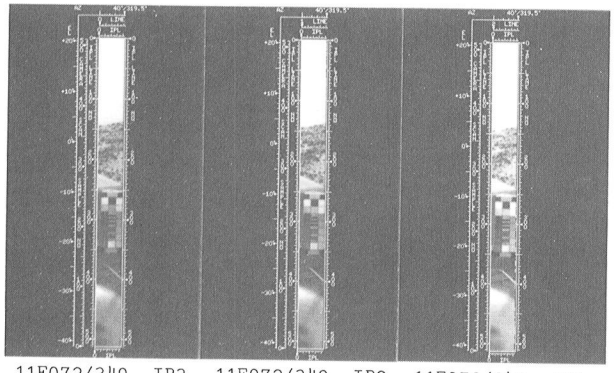
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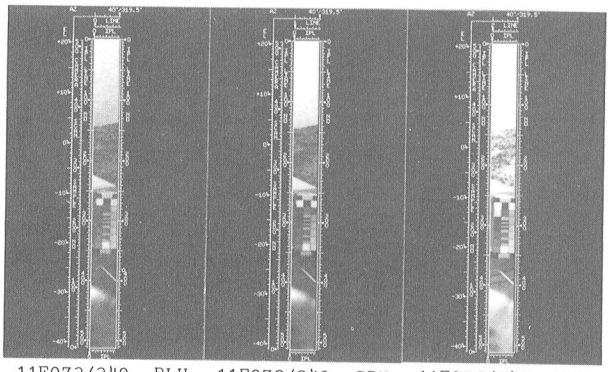
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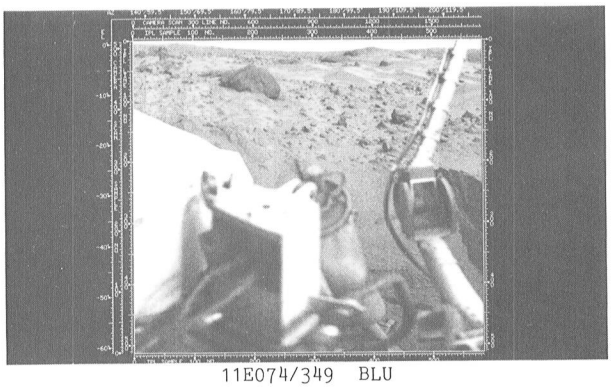
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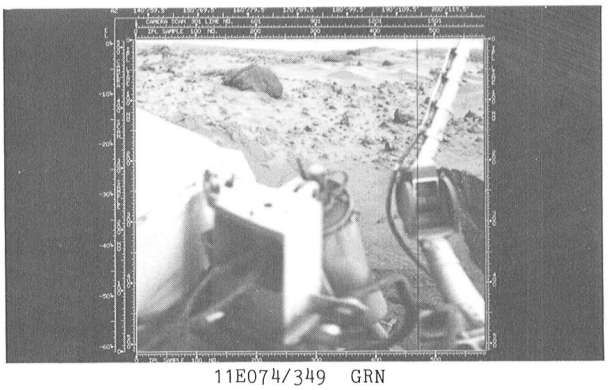
11E072/349 IR3 11E072/349 IR2 11E072/349 IR1



11E073/349 BLU 11E073/349 GRN 11E073/349 RED



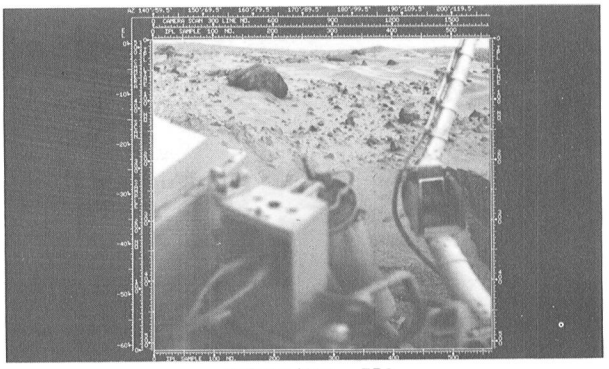
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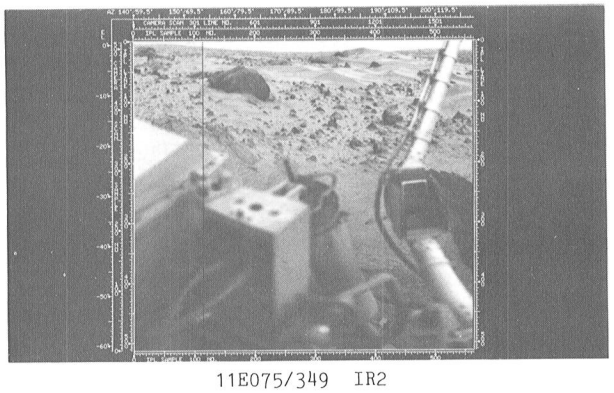
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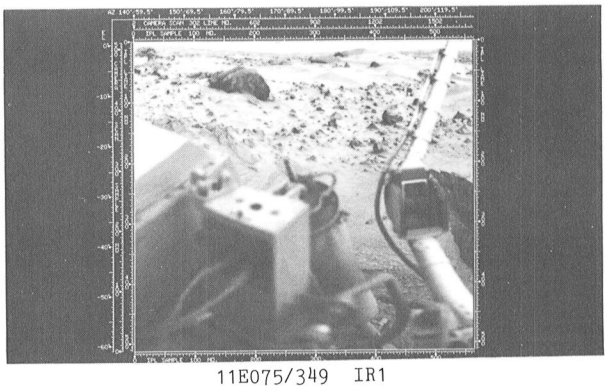
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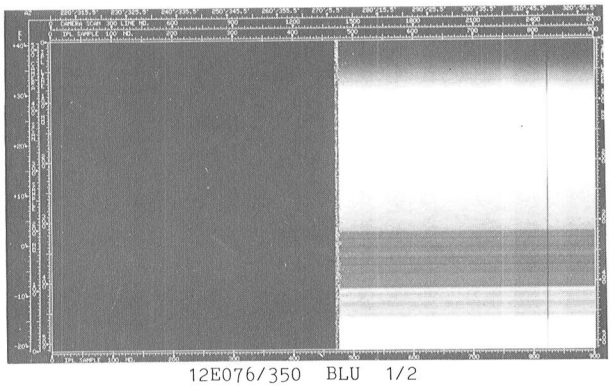
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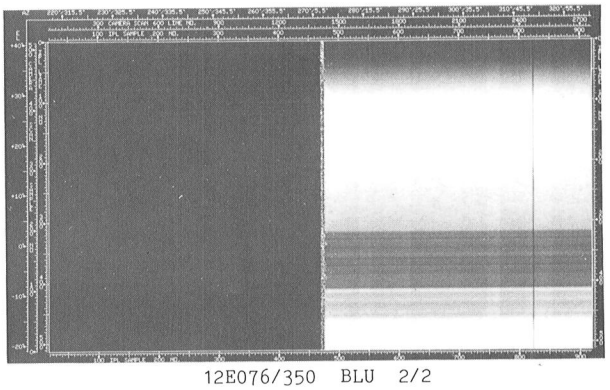
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11E075/349 IR1

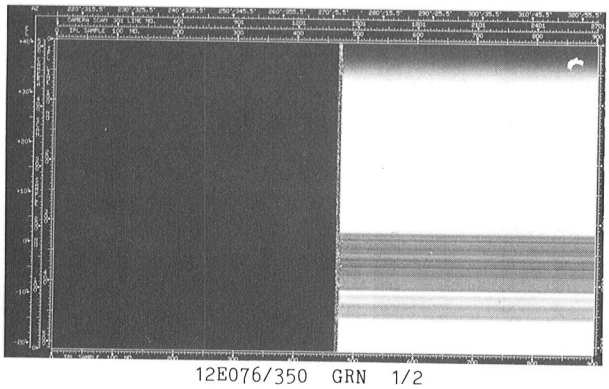


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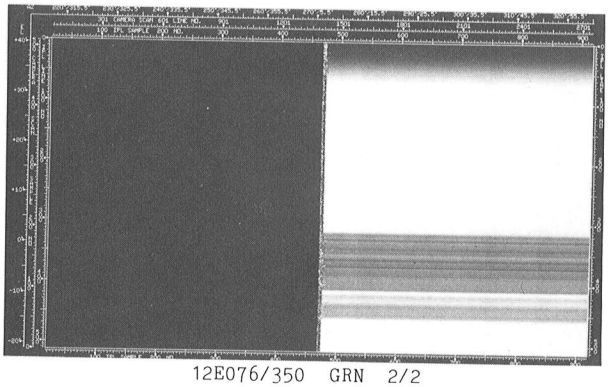


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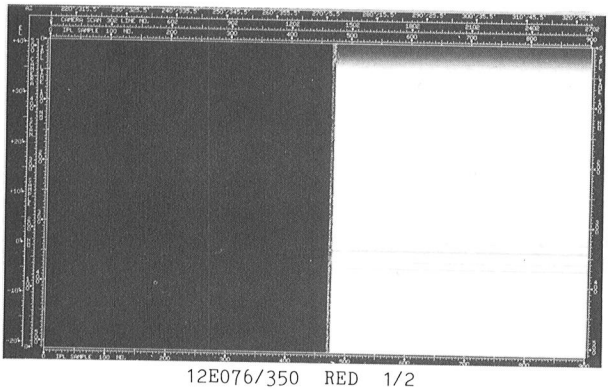
VL-I



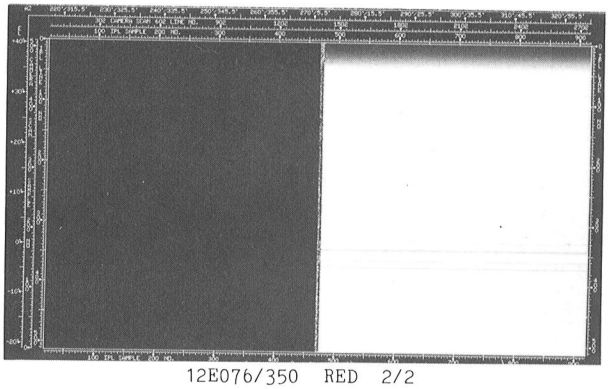
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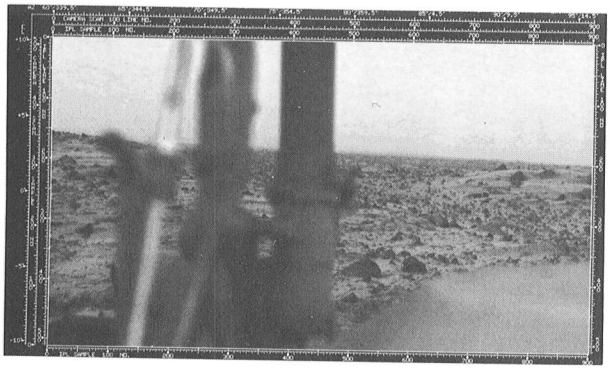
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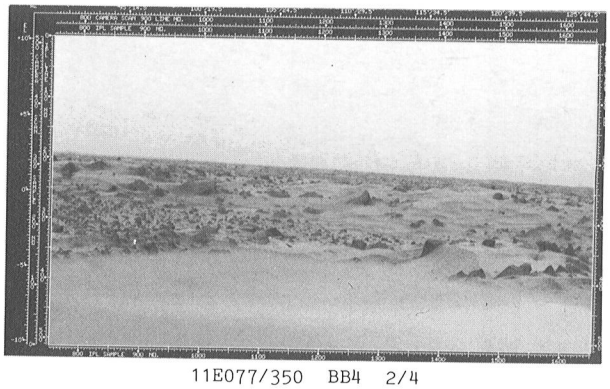
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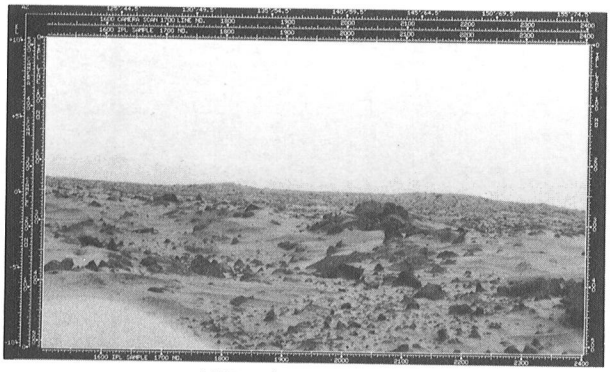
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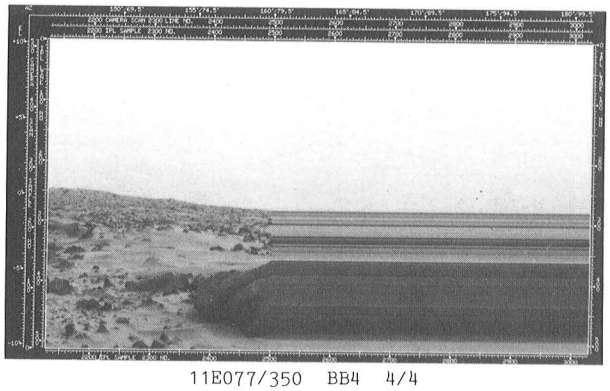
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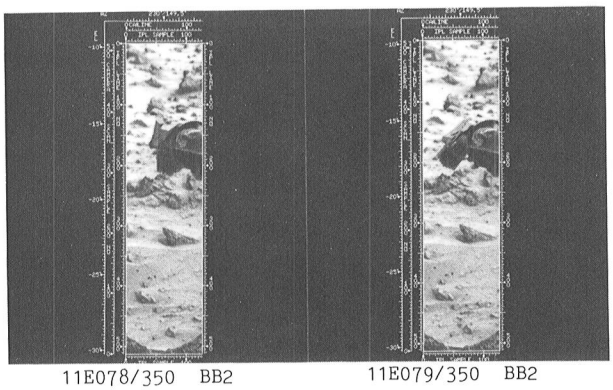
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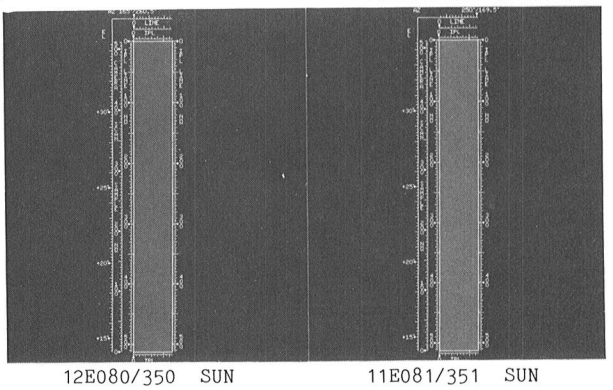
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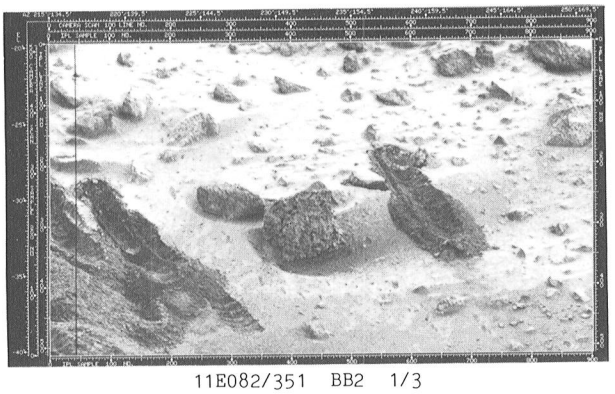
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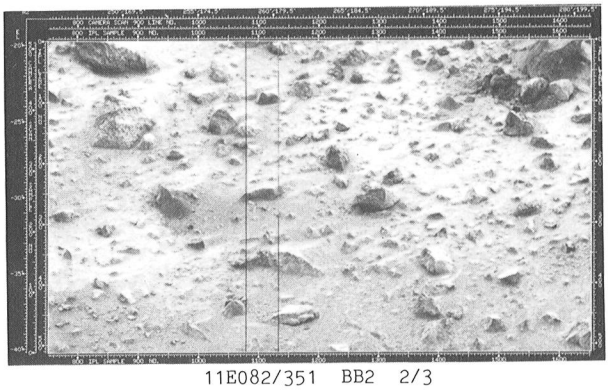
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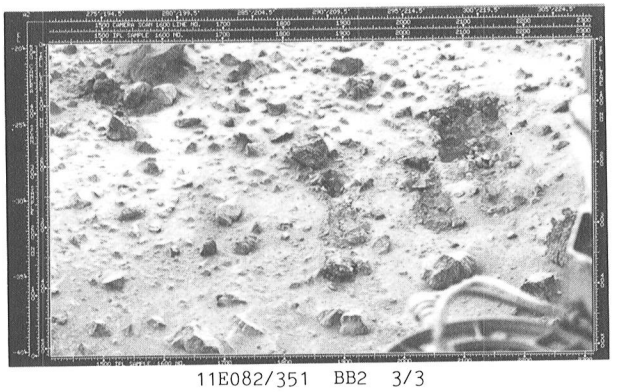
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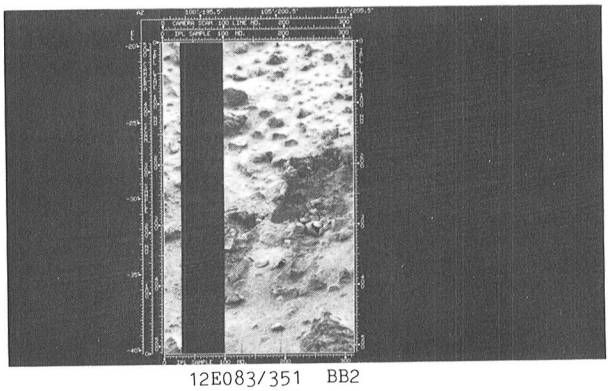
11E082/351 BB2 1/3



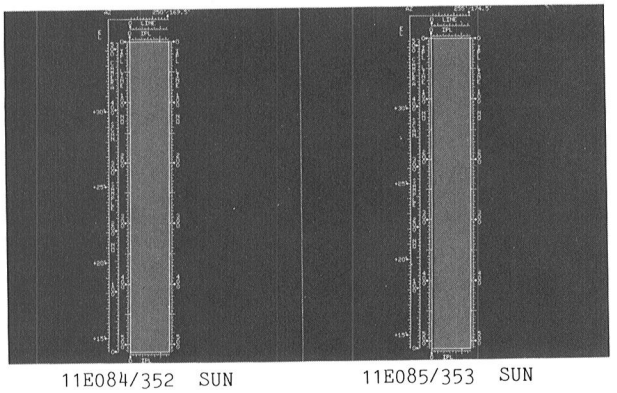
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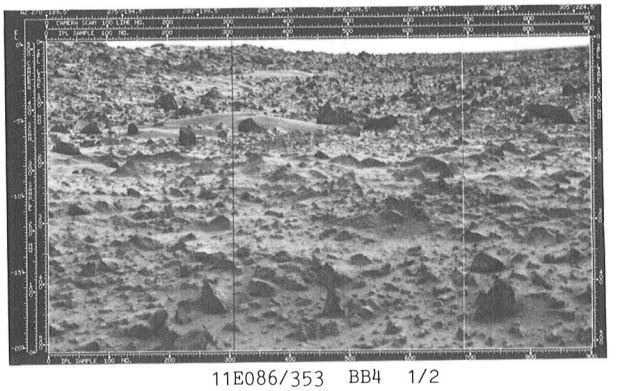
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12E083/351 BB2



11E084/352 SUN 11E085/353 SUN

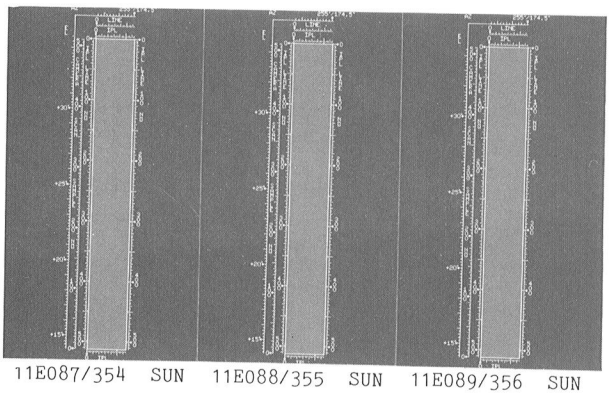


11E086/353 BB4 1/2

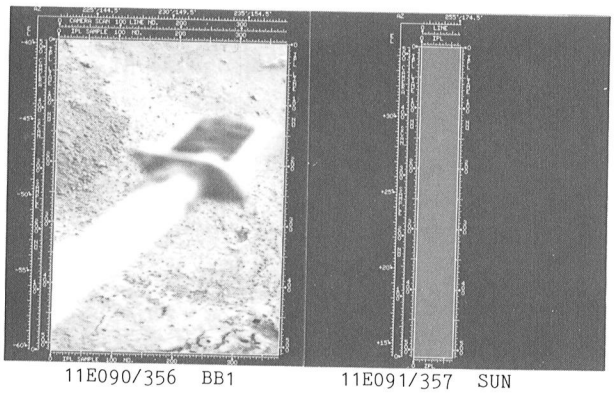
VL-I



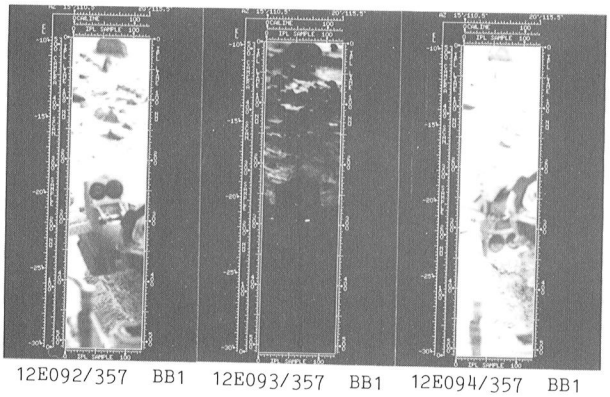
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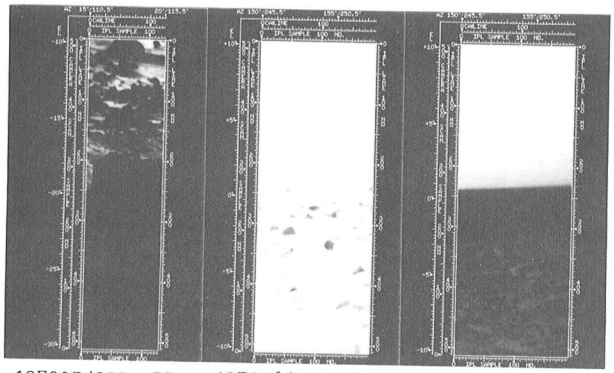
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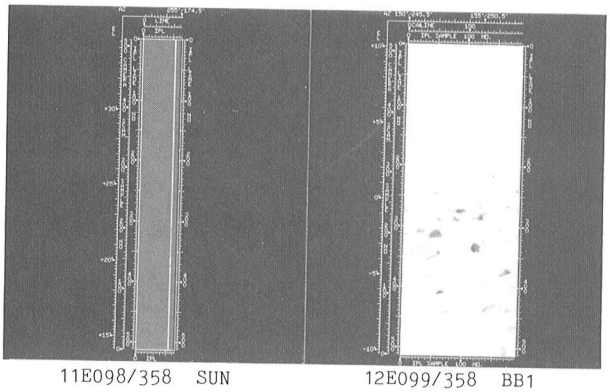
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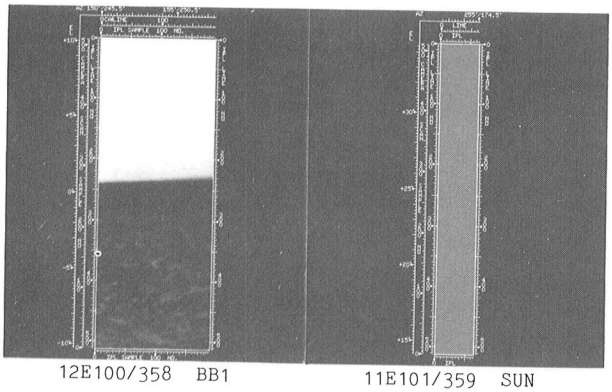
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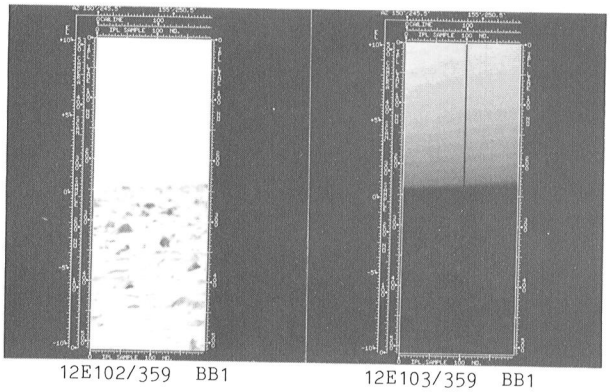
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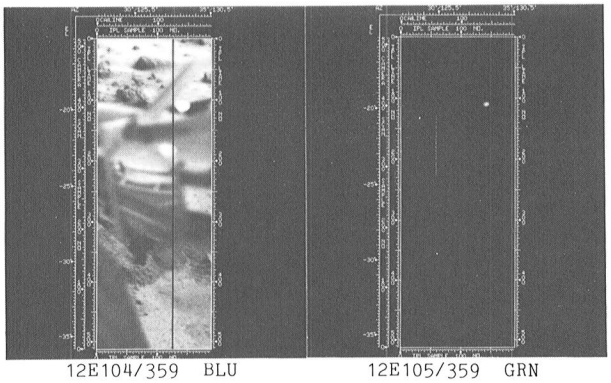
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12E100/358 BB1 11E101/359 SUN

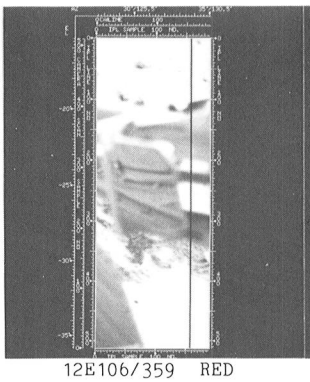


12E102/359 BB1 12E103/359 BB1

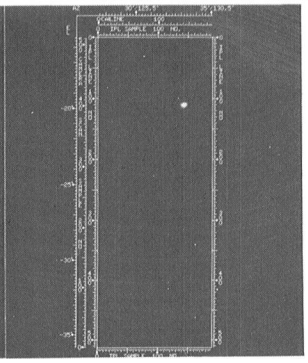


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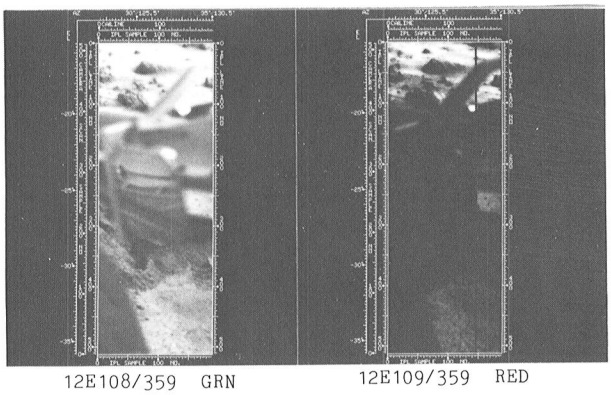
12E105/359 GRN



12E106/359 RED

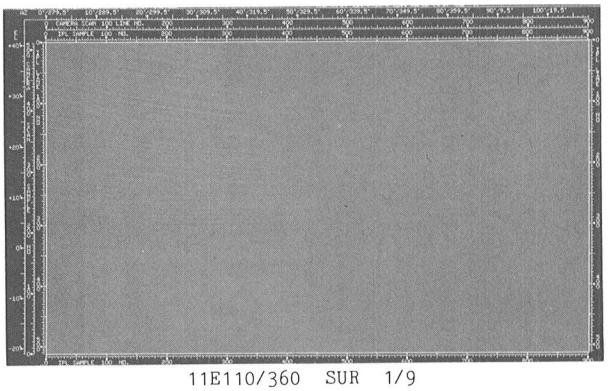


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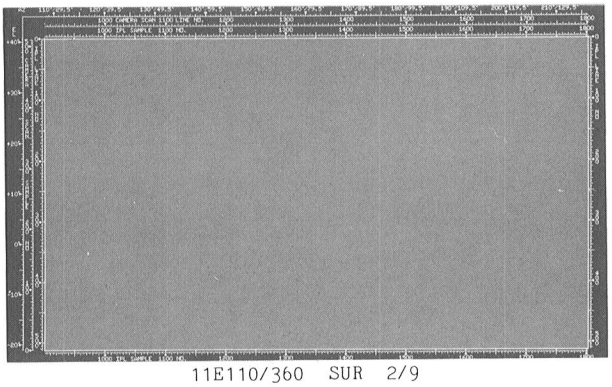


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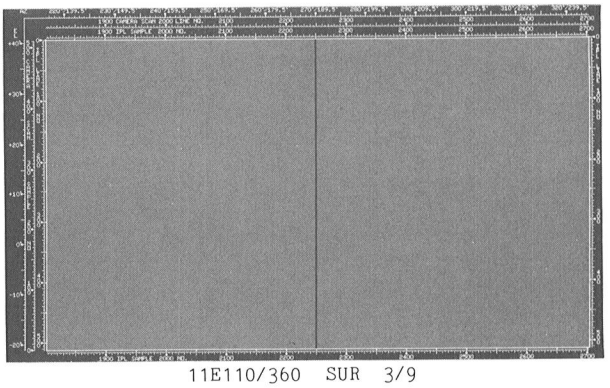
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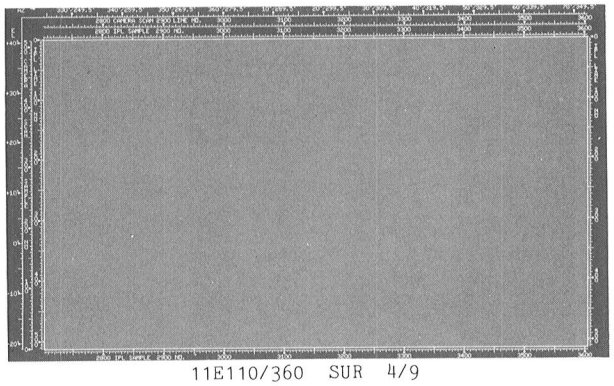
11E110/360 SUR 1/9



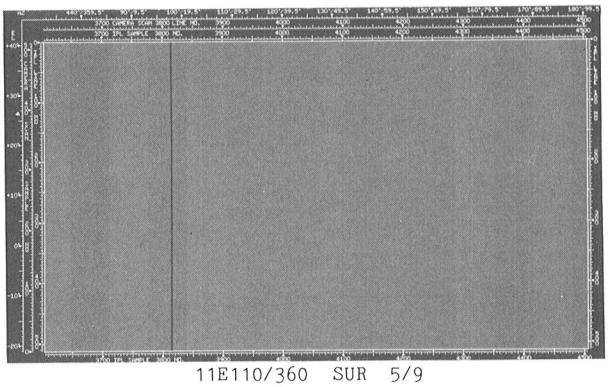
11E110/360 SUR 2/9



11E110/360 SUR 3/9

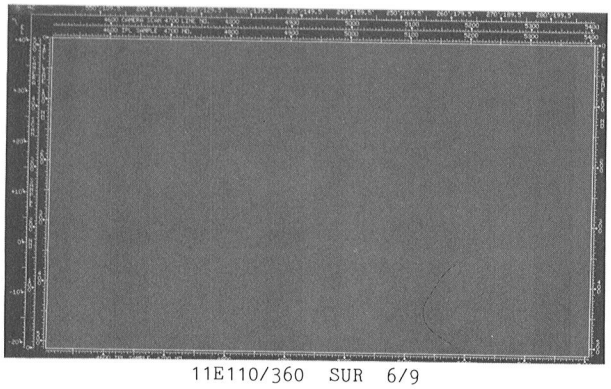


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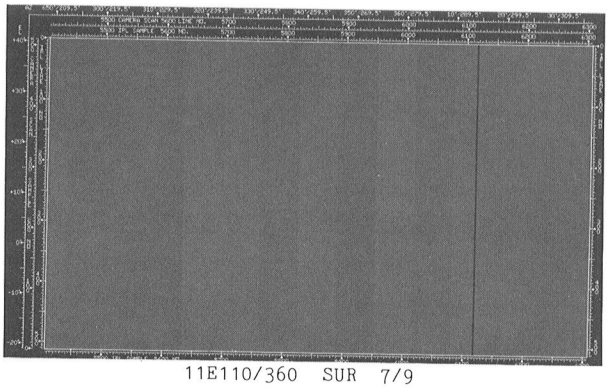


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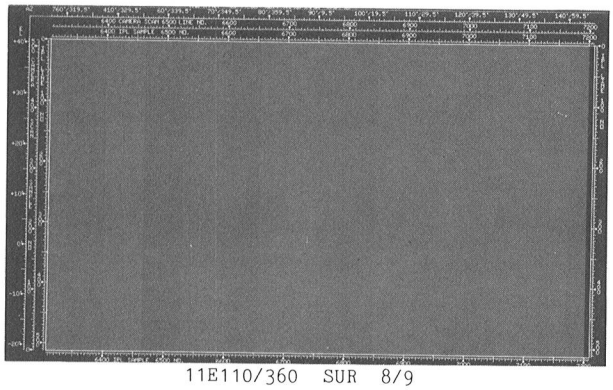
VL-I



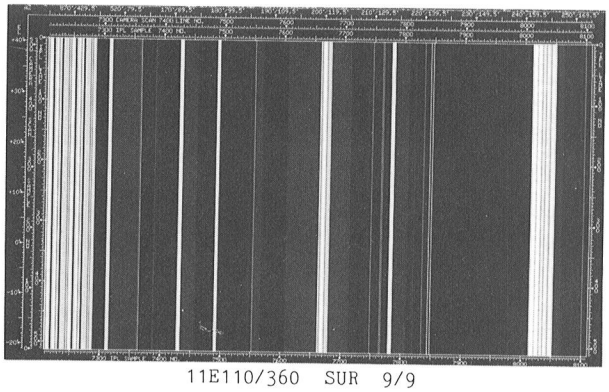
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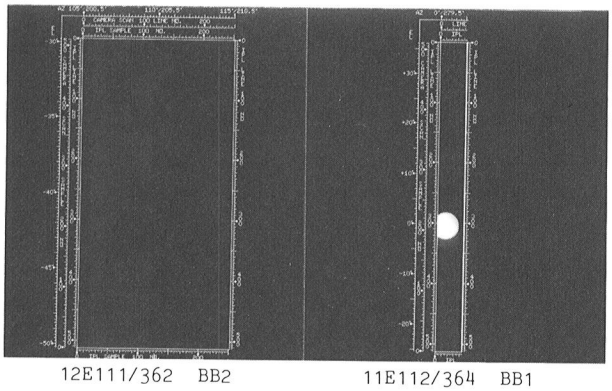
11E110/360 SUR 7/9



11E110/360 SUR 8/9

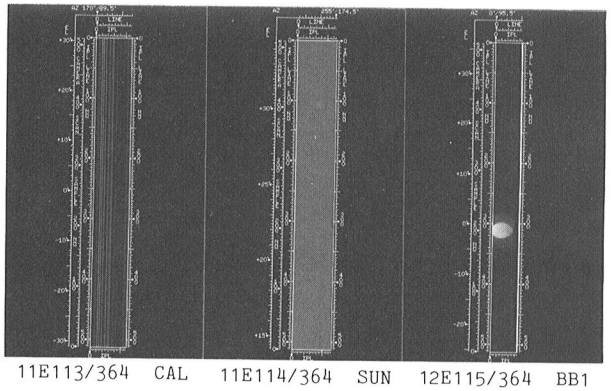


11E110/360 SUR 9/9



12E111/362 BB2

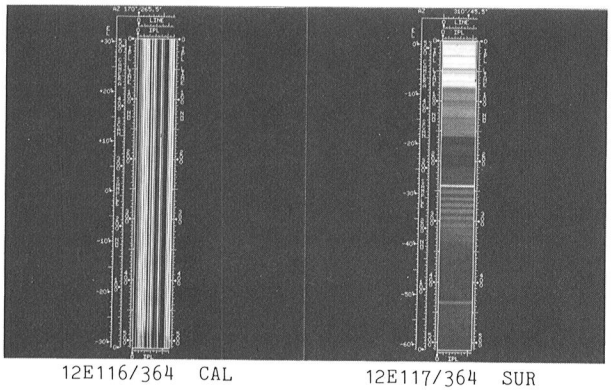
11E112/364 BB1



11E113/364 CAL

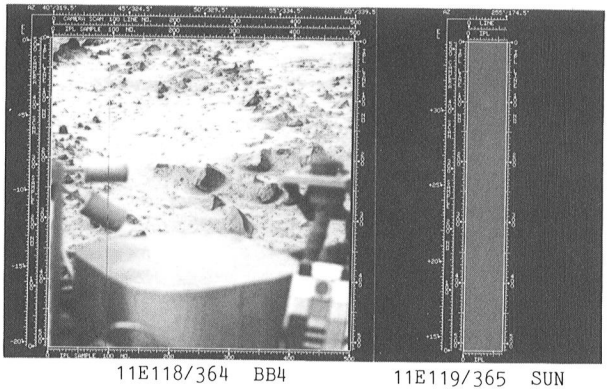
11E114/364 SUN

12E115/364 BB1



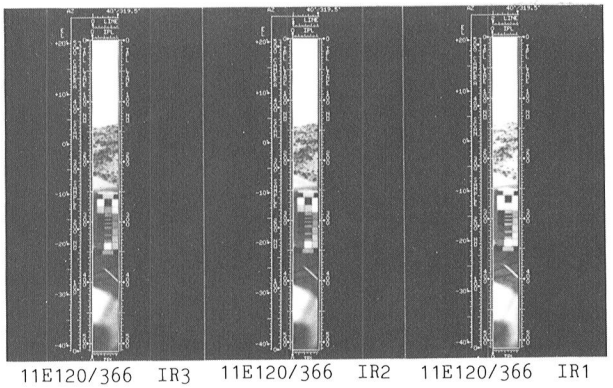
12E116/364 CAL

12E117/364 SUR

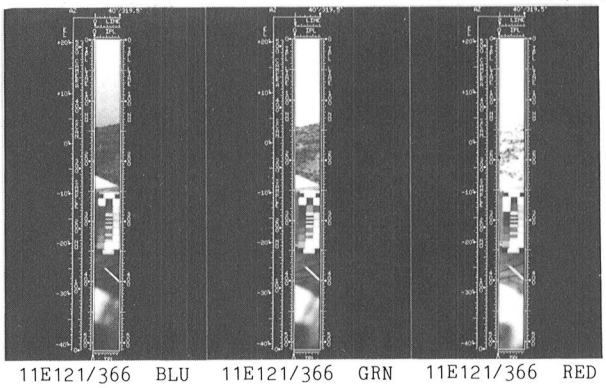


11E118/364 BB4

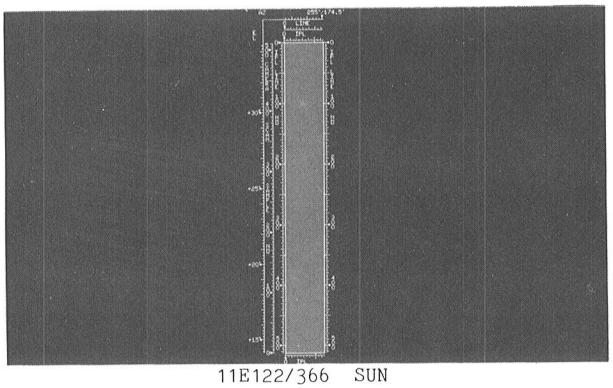
11E119/365 SUN



11E120/366 IR3 11E120/366 IR2 11E120/366 IR1



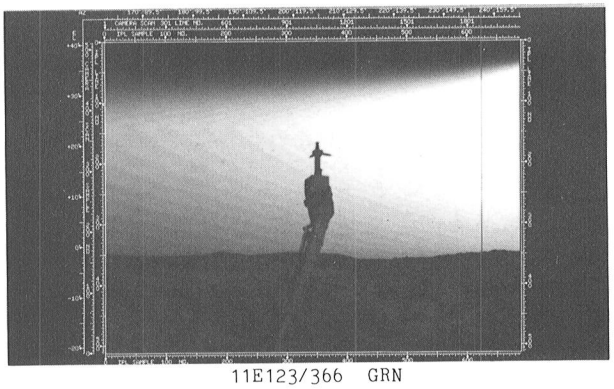
11E121/366 BLU 11E121/366 GRN 11E121/366 RED



11E122/366 SUN



11E123/366 BLU



11E123/366 GRN



11E123/366 RED



11E124/366 IR3

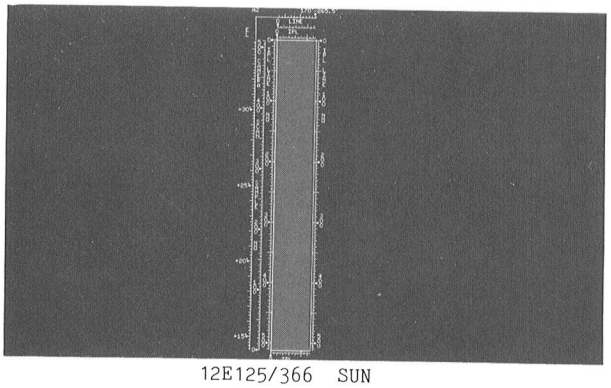


11E124/366 IR2

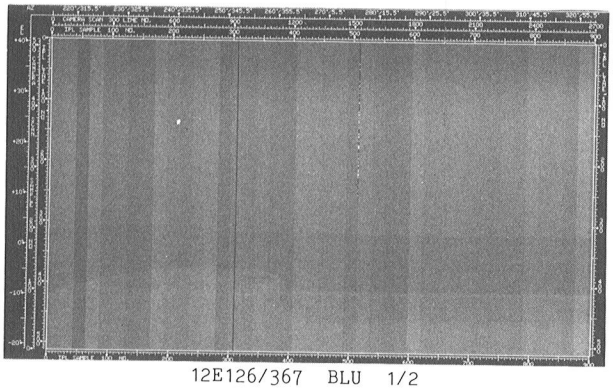
VL-I



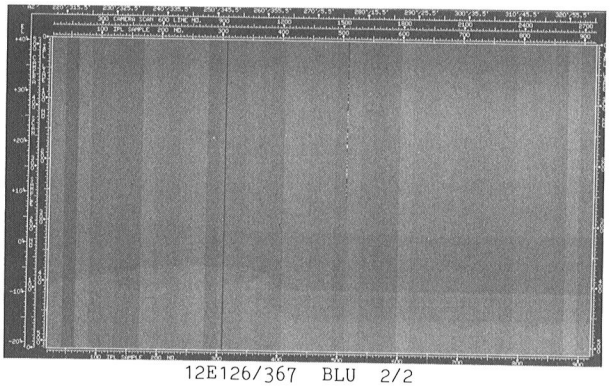
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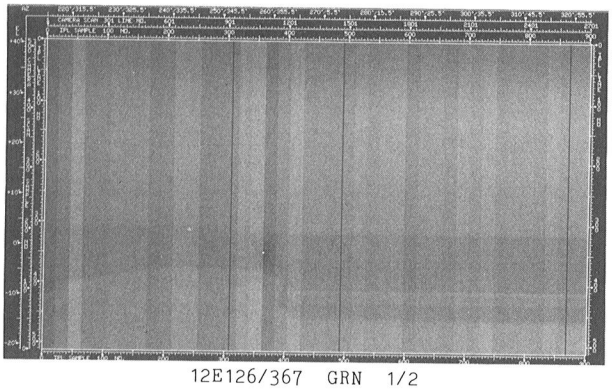
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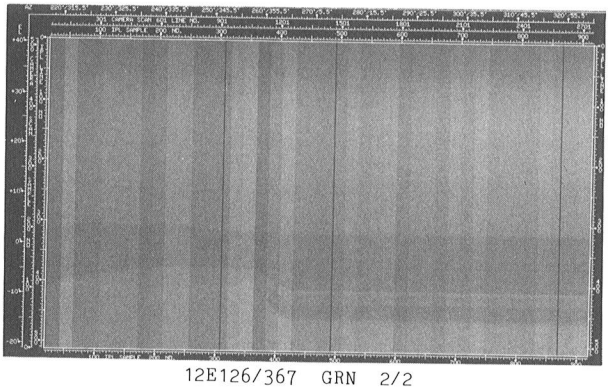
12E126/367 BLU 1/2



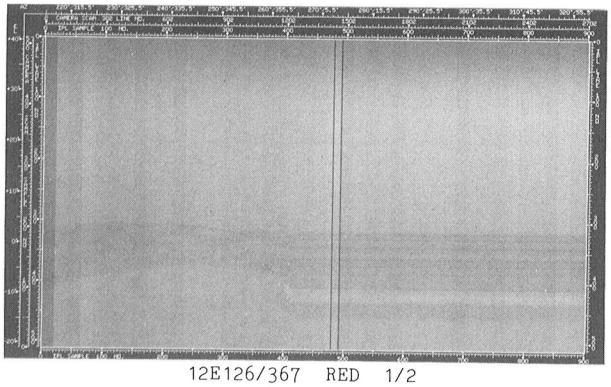
12E126/367 BLU 2/2



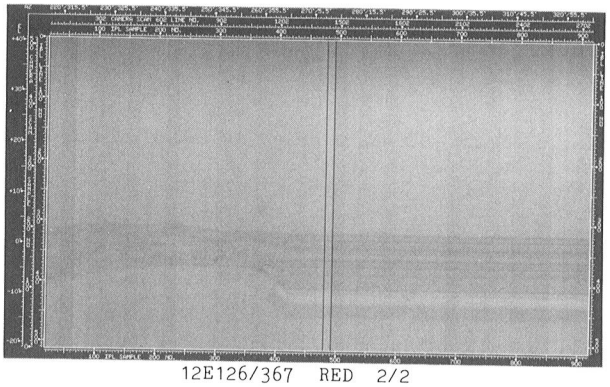
12E126/367 GRN 1/2



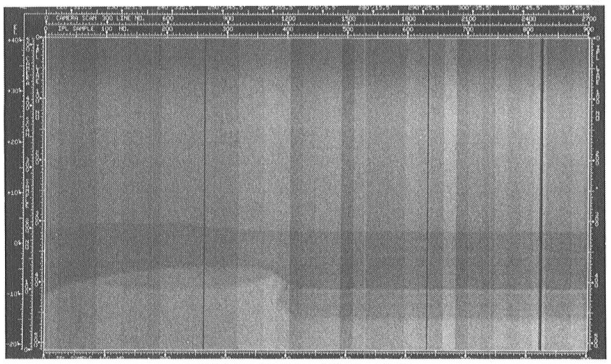
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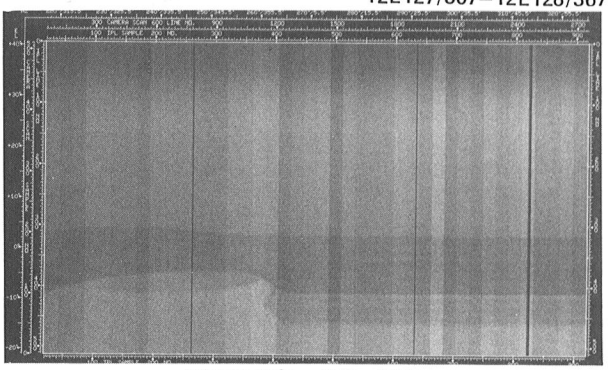
12E126/367 RED 1/2



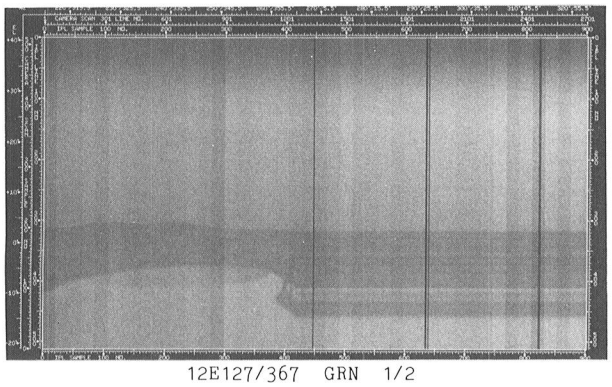
12E126/367 RED 2/2



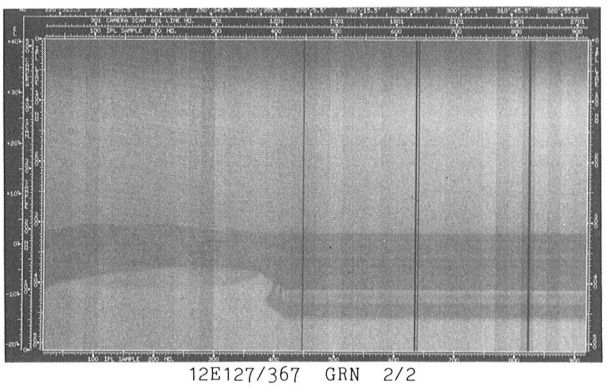
12E127/367 BLU 1/2



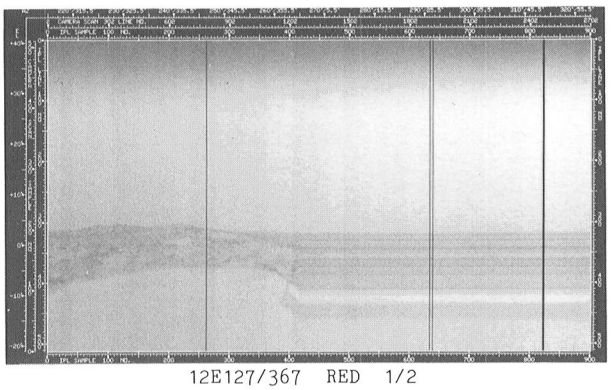
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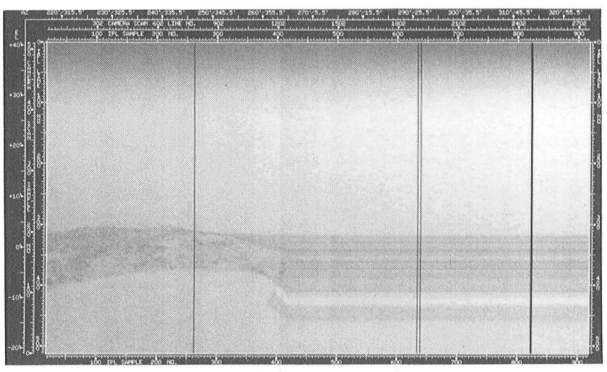
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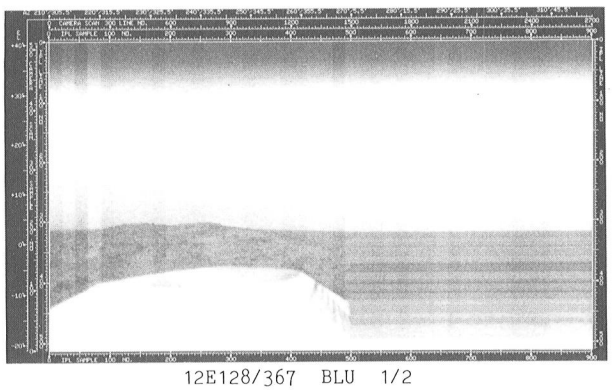
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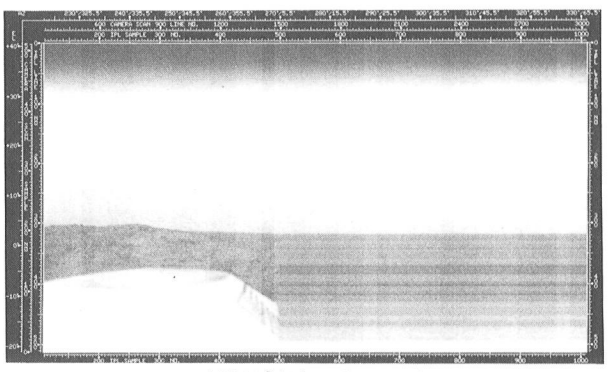
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12E127/367 RED 2/2

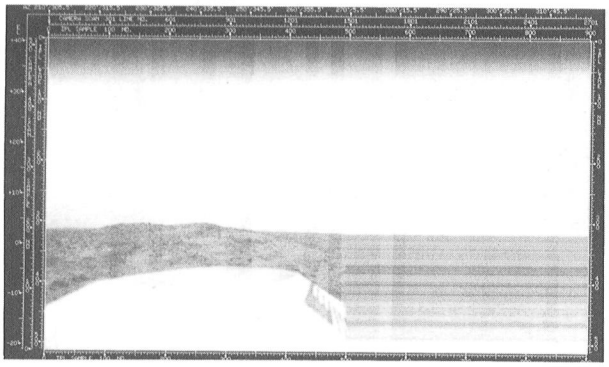


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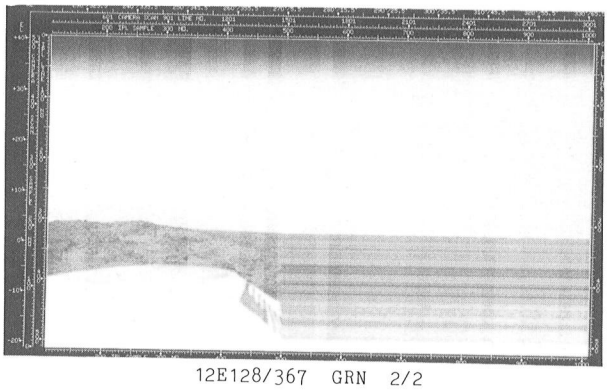


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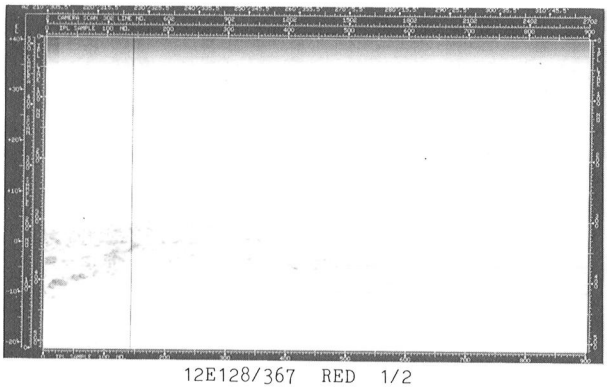
VL-I



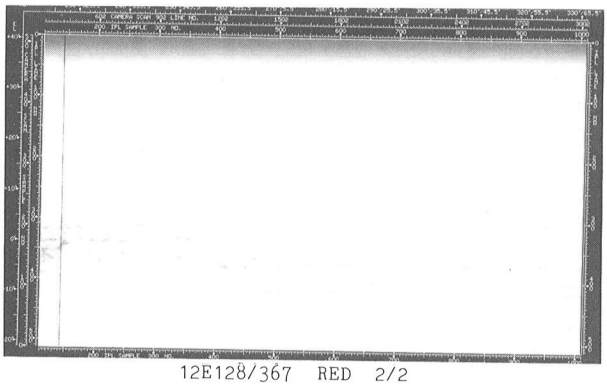
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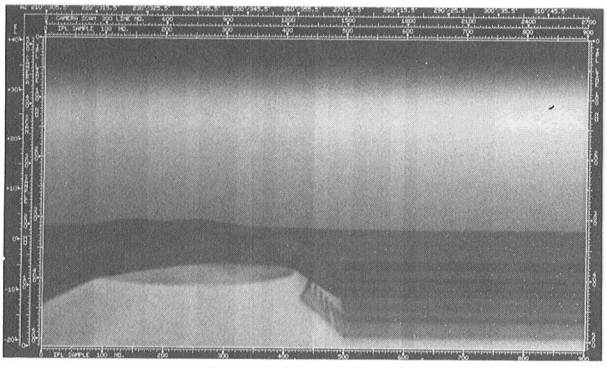
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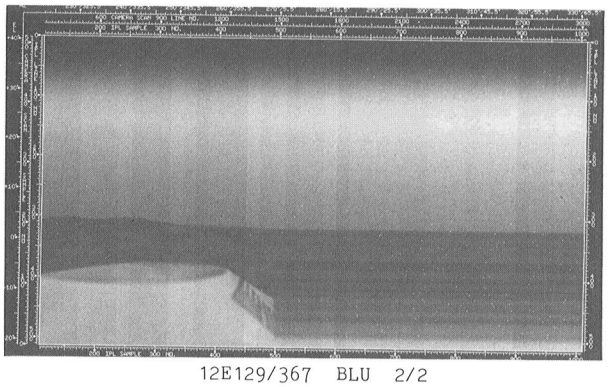
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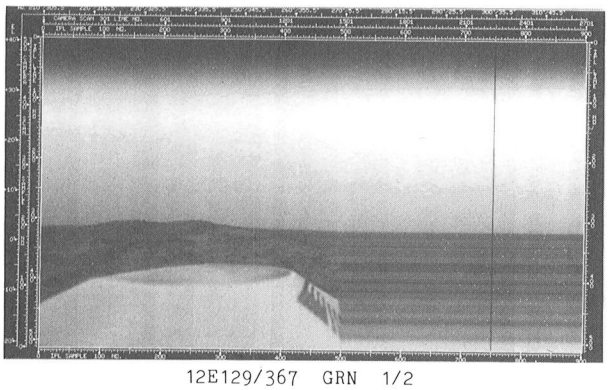
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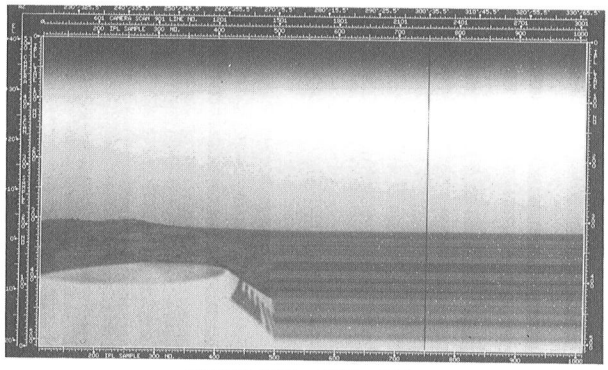
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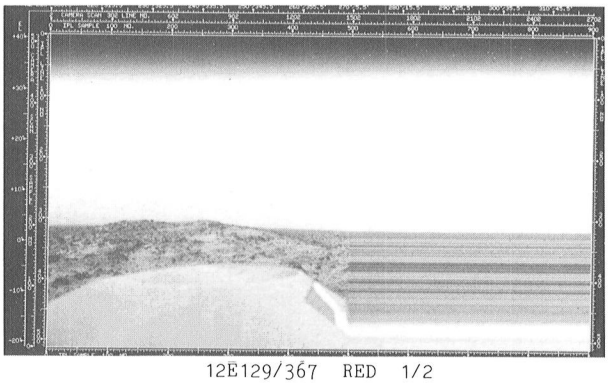
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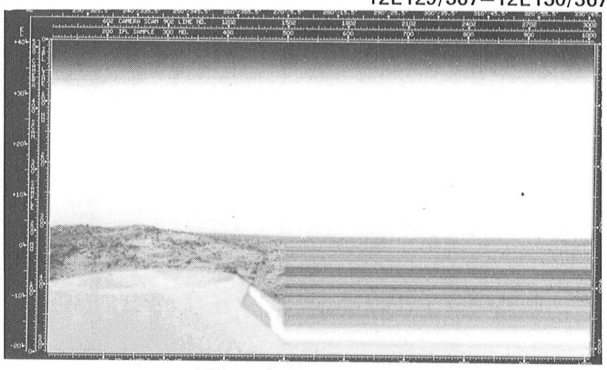
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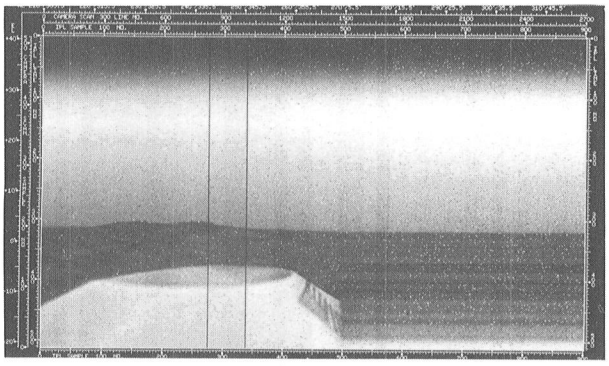
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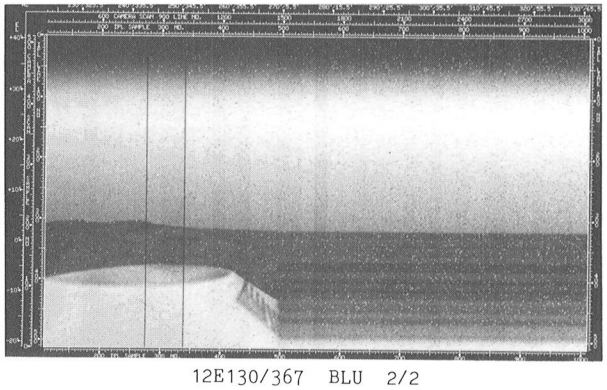
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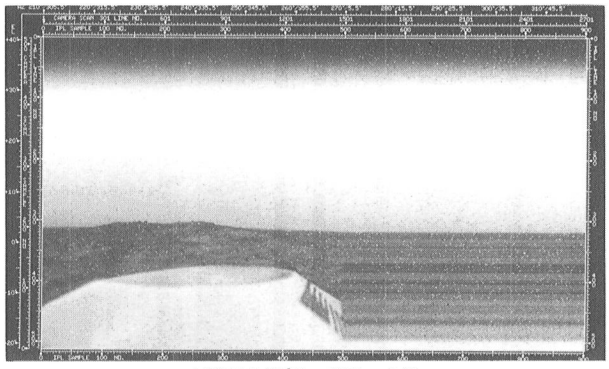
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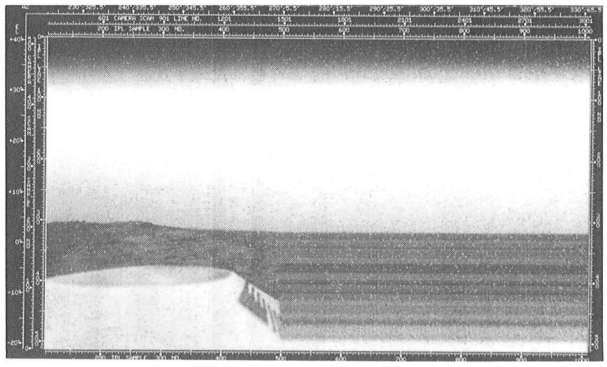
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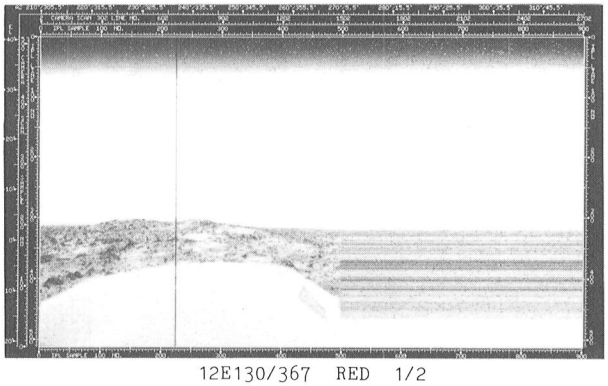
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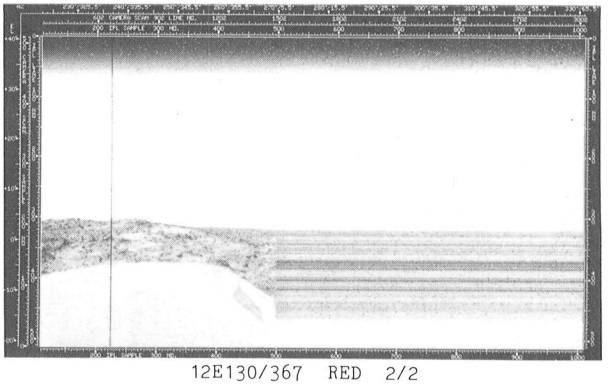
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12E130/367 GRN 2/2

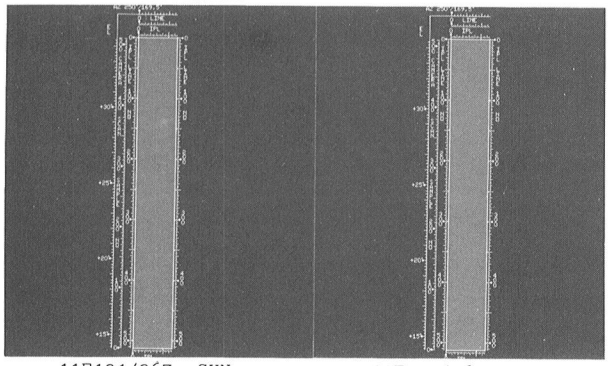


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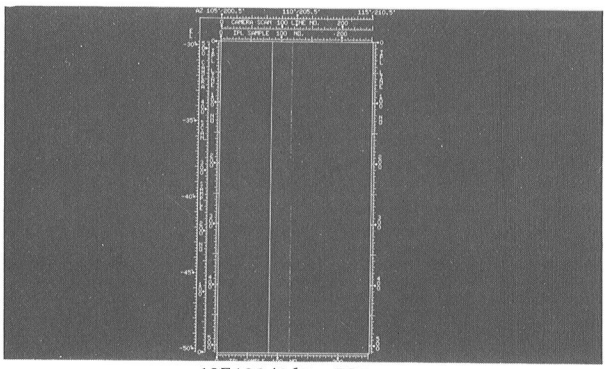


12E130/367 RED 2/2

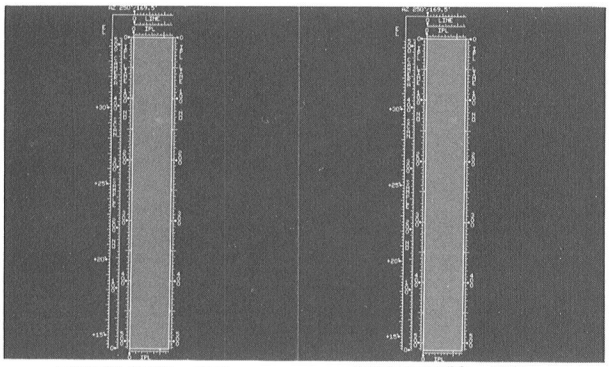
VL-I



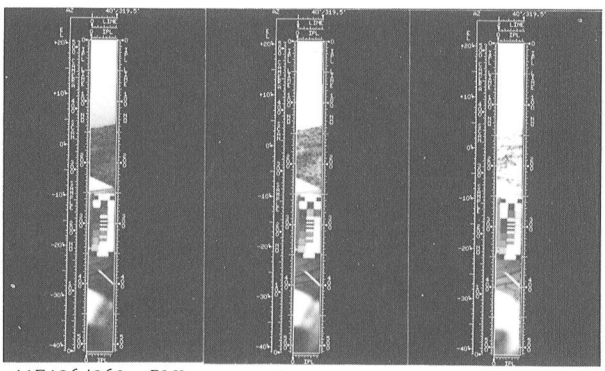
11E131/367 SUN 11E132/367 SUN



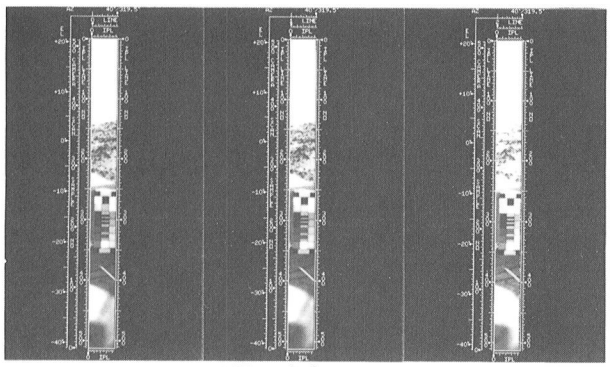
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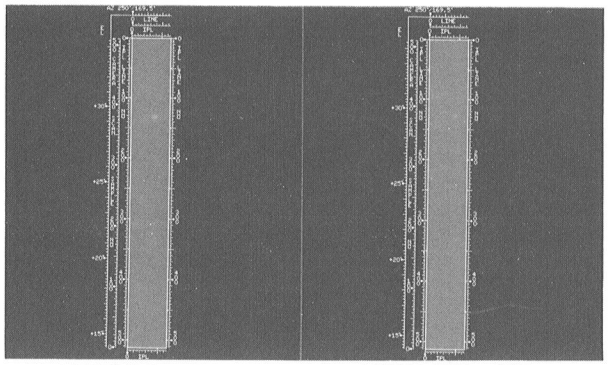
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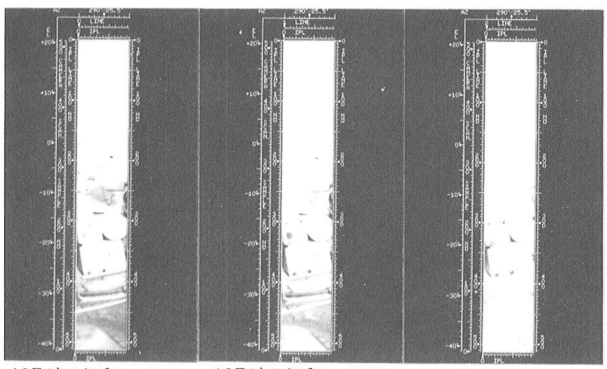
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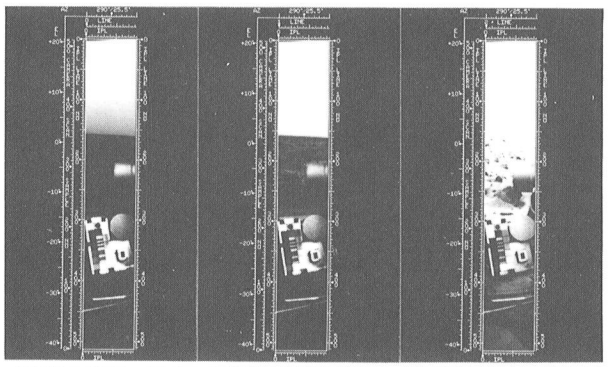
11E137/369 IR3 11E137/369 IR2 11E137/369 IR1



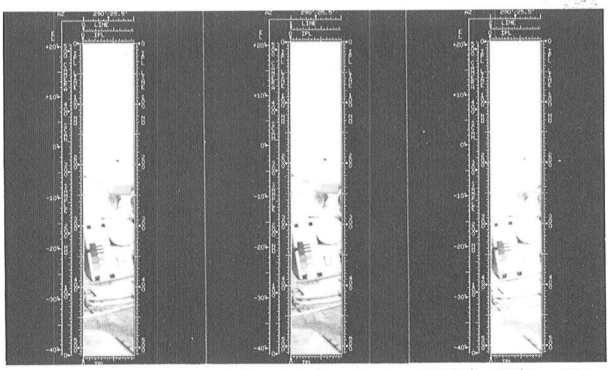
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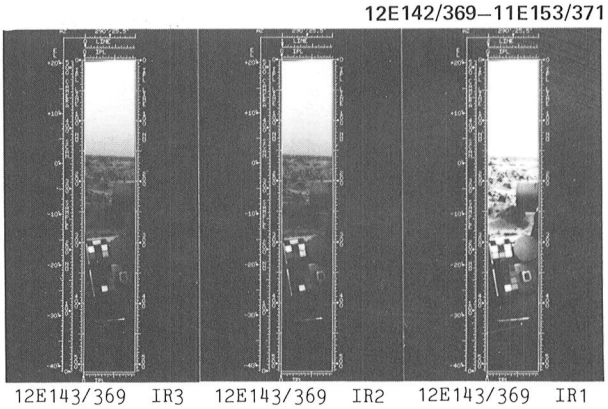
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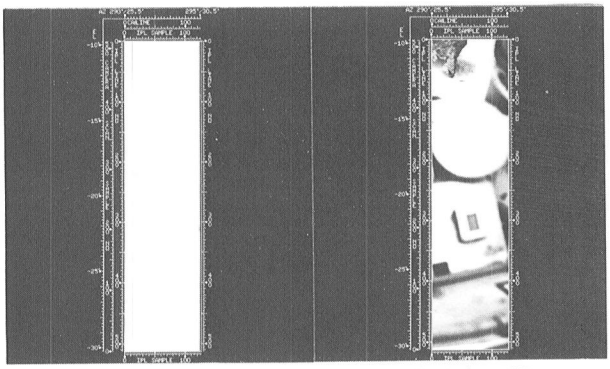
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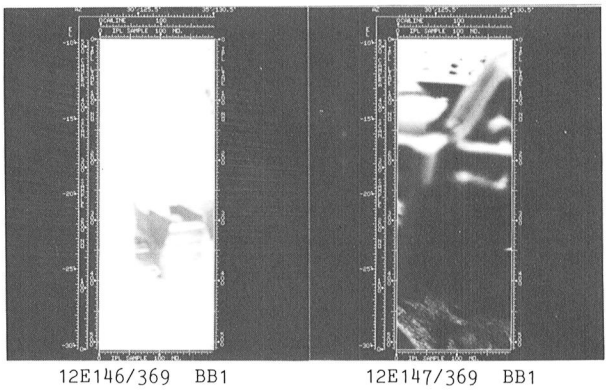
12E142/369 IR3 12E142/369 IR2 12E142/369 IR1



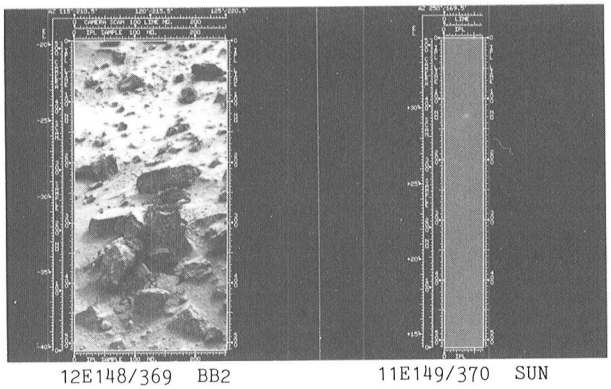
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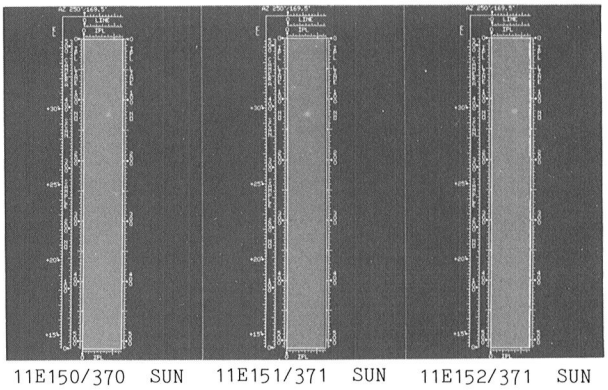
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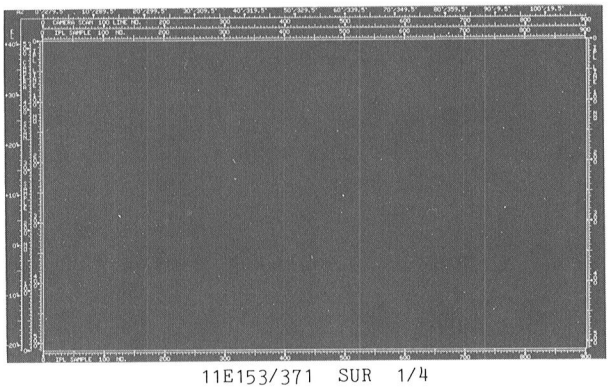
12E146/369 BB1 12E147/369 BB1



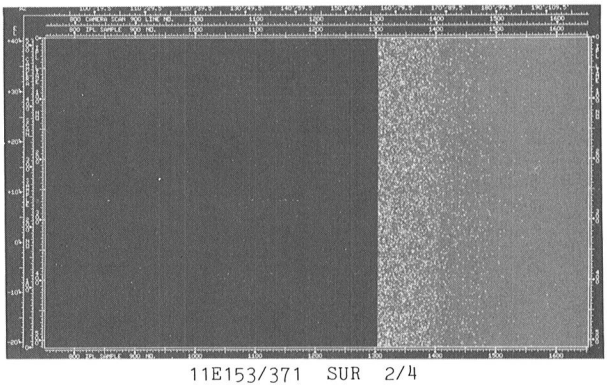
12E148/369 BB2 11E149/370 SUN



11E150/370 SUN 11E151/371 SUN 11E152/371 SUN

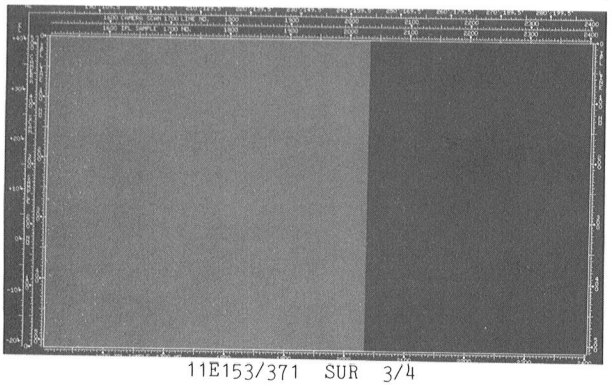


11E153/371 SUR 1/4

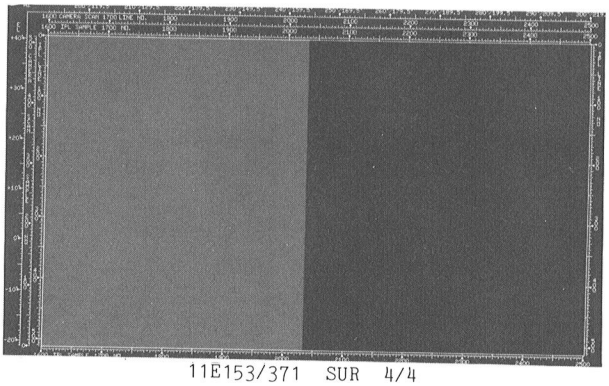


11E153/371 SUR 2/4

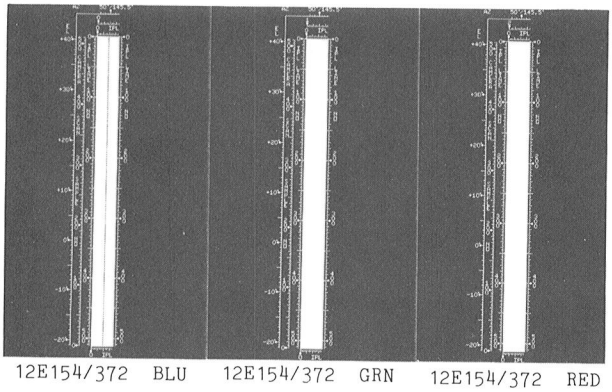
VL-I



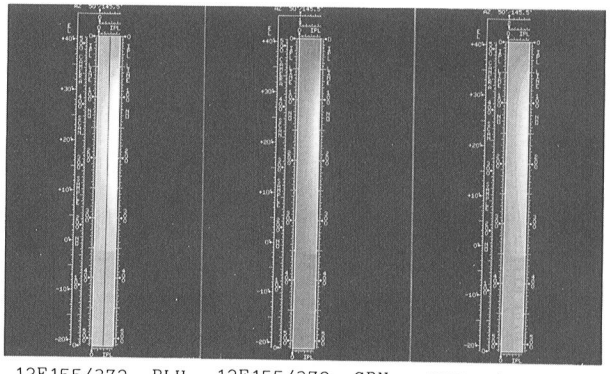
11E153/371 SUR 3/4



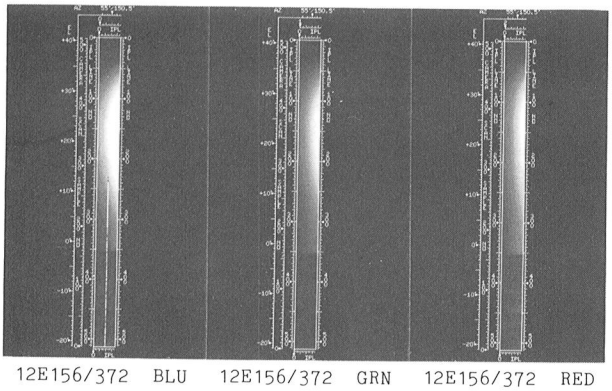
11E153/371 SUR 4/4



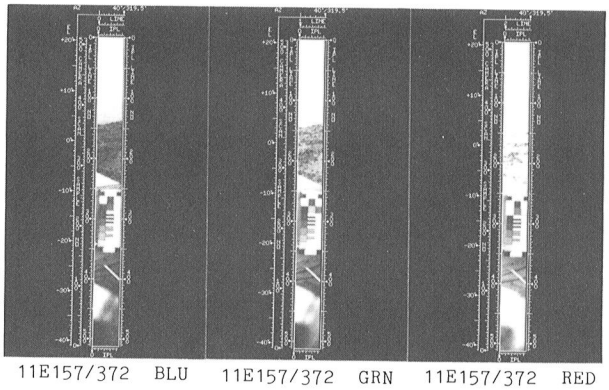
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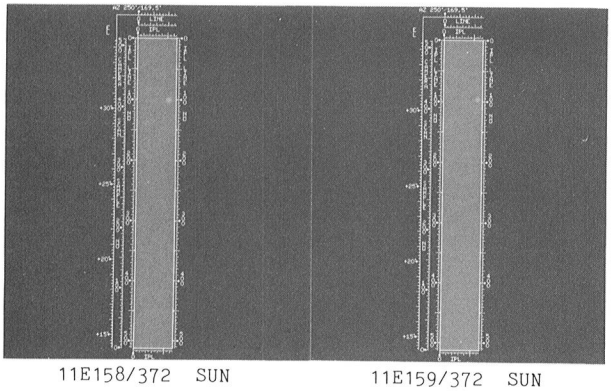
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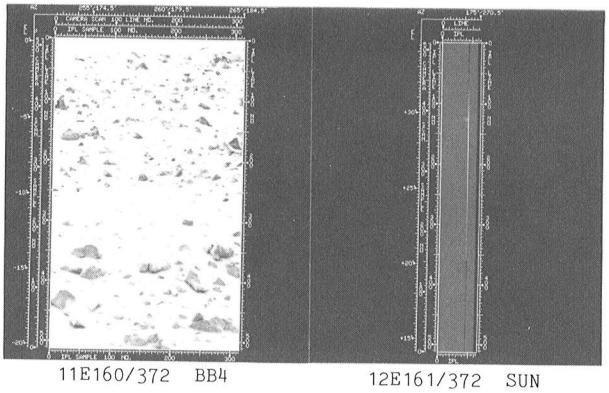
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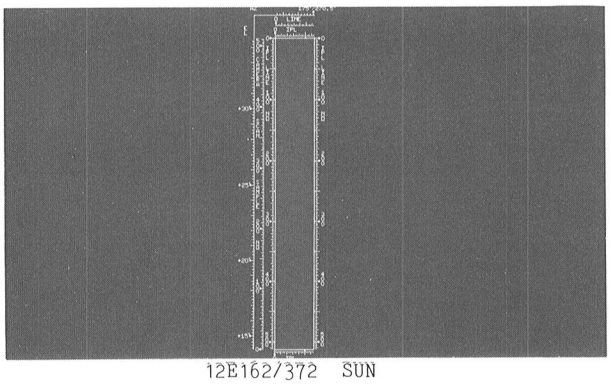
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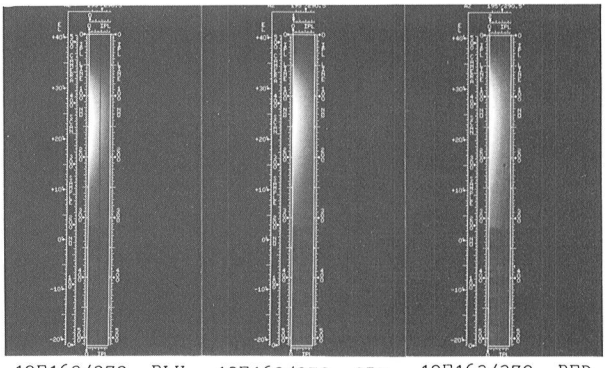
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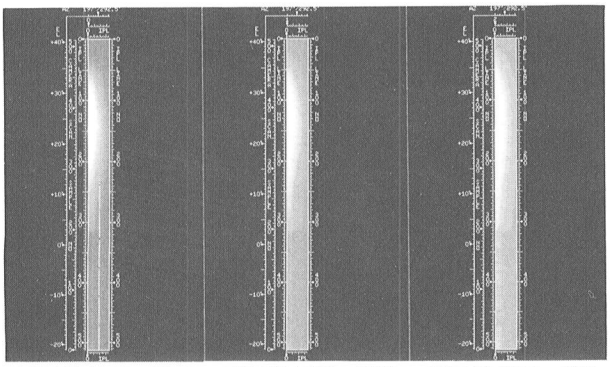
11E160/372 BB4 12E161/372 SUN



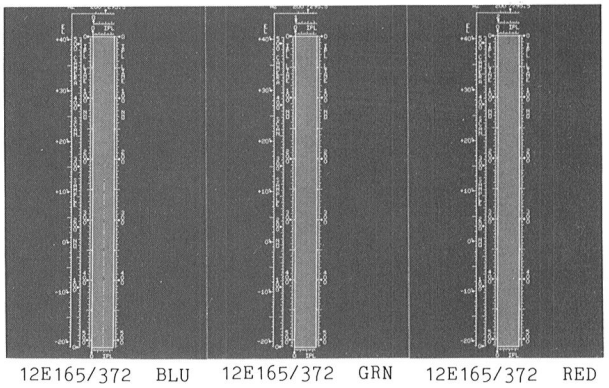
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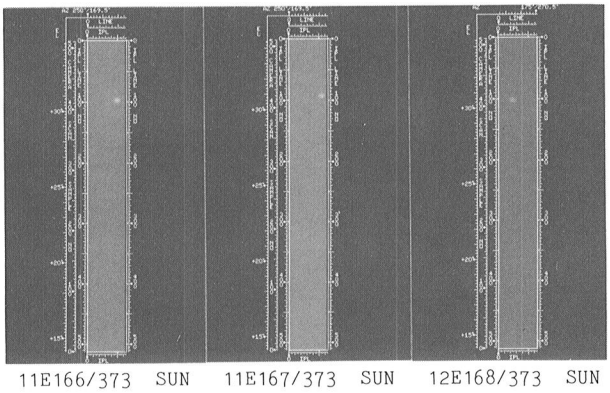
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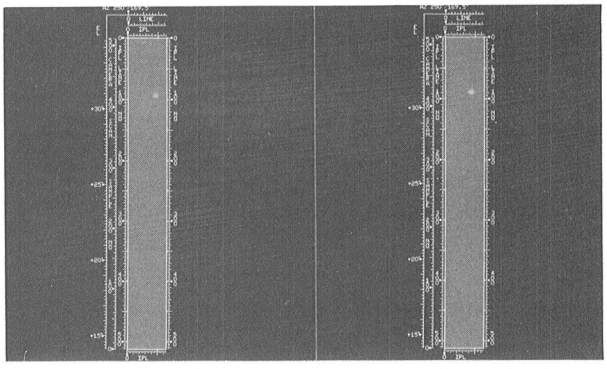
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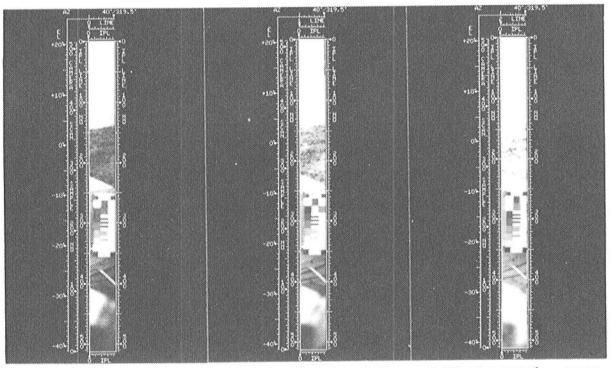
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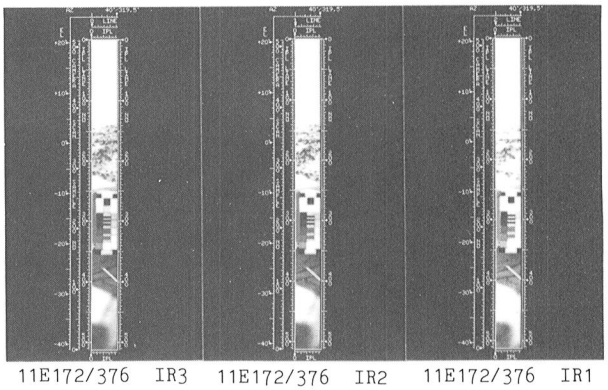
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11E169/374 SUN 11E170/375 SUN

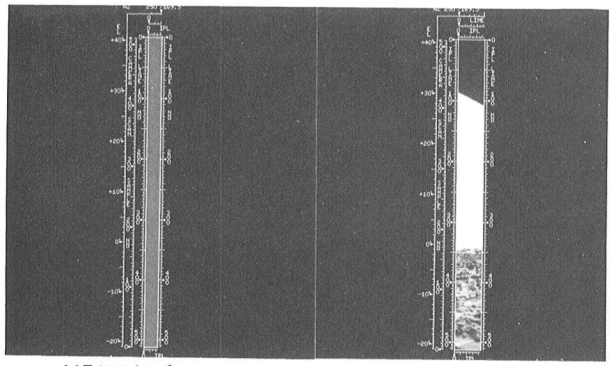


11E171/376 BLU 11E171/376 GRN 11E171/376 RED

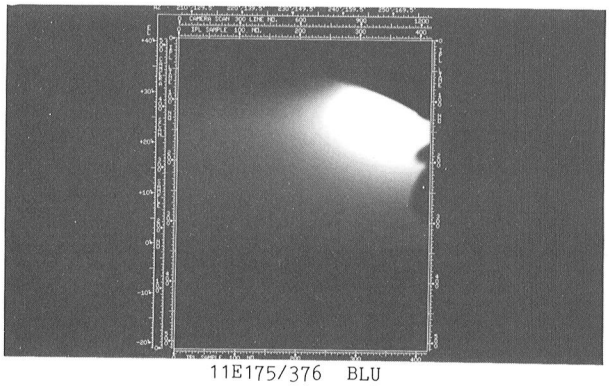


11E172/376 IR3 11E172/376 IR2 11E172/376 IR1

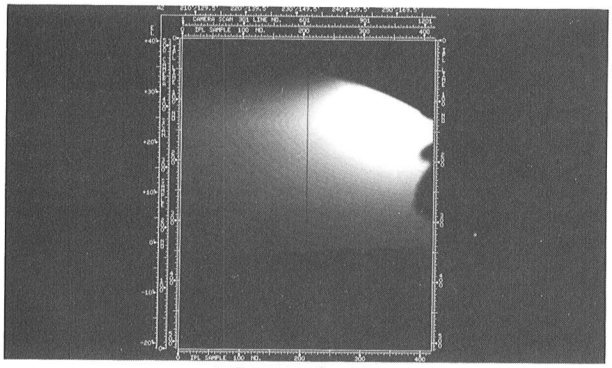
VL-I



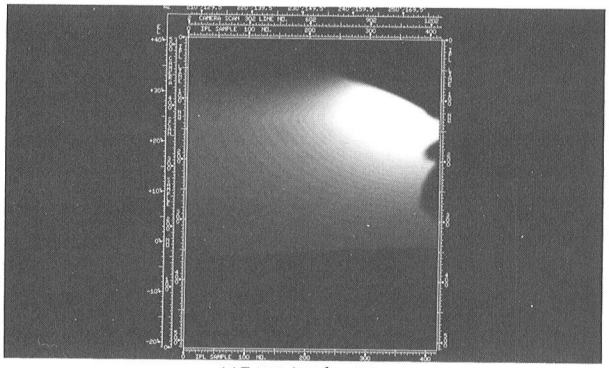
11E173/376 SUN 11E174/376 SUR



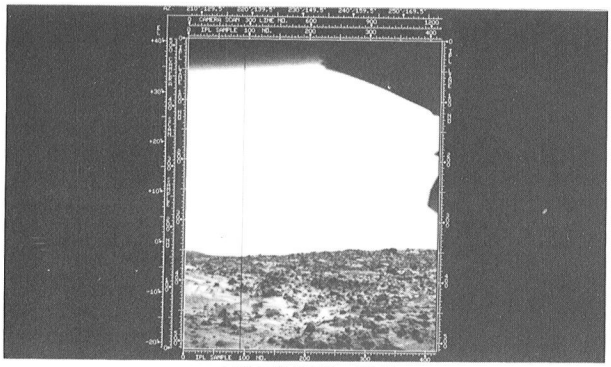
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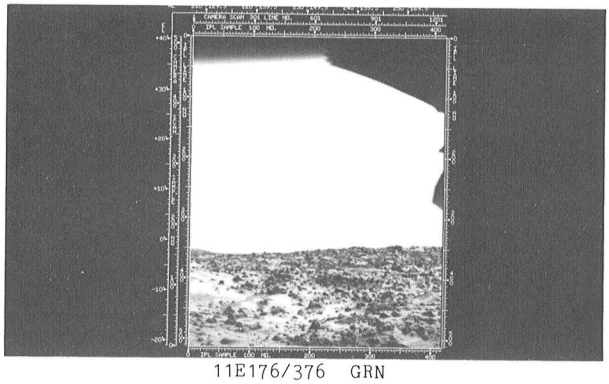
11E175/376 GRN



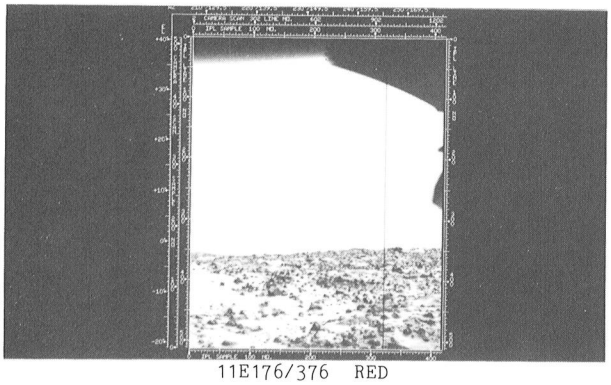
11E175/376 RED



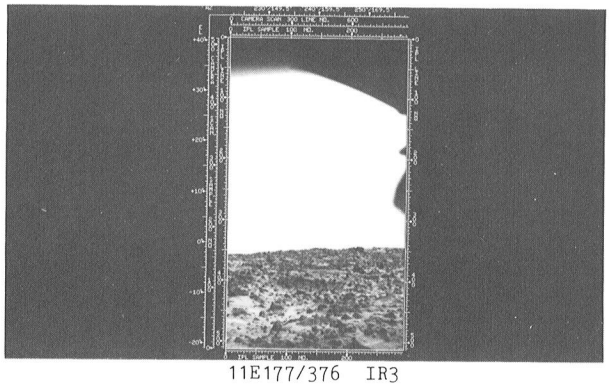
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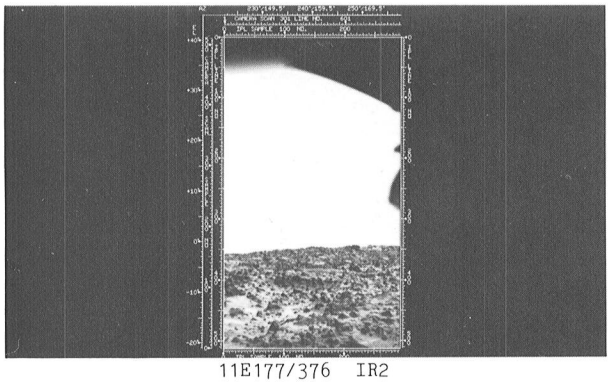
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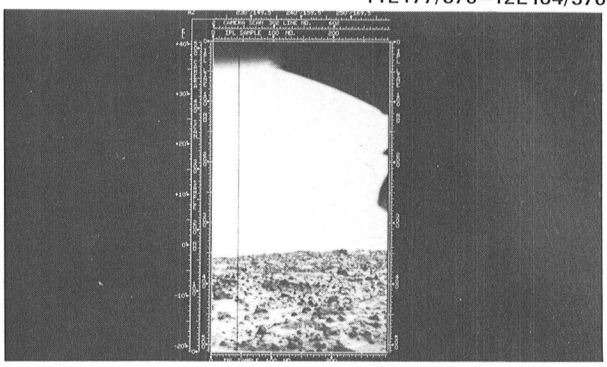
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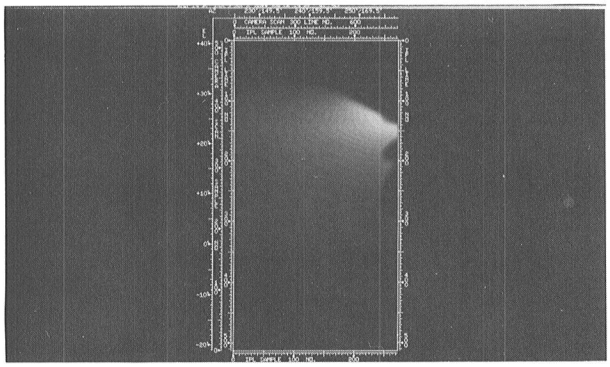
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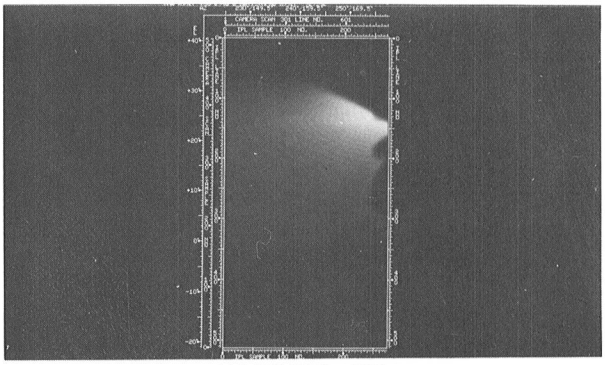
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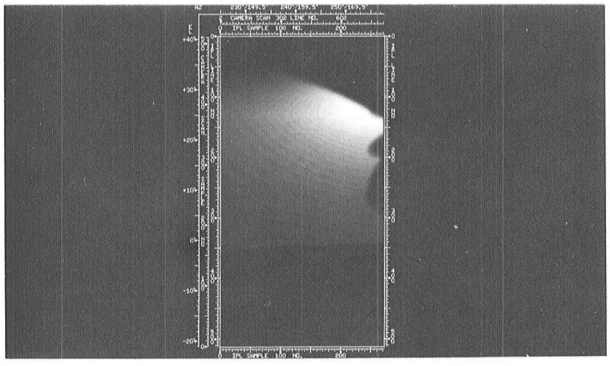
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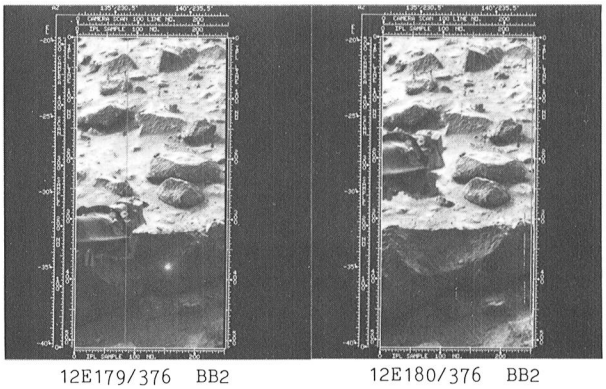
11E178/376 IR3



11E178/376 IR2

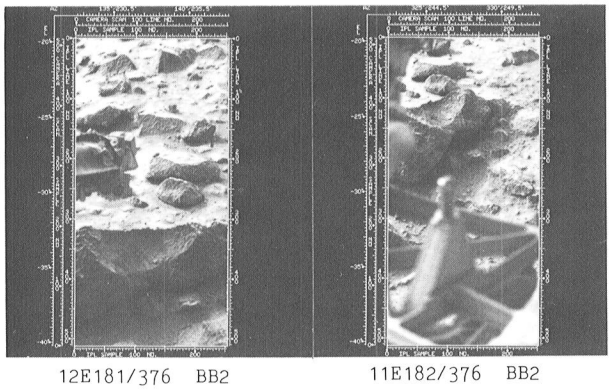


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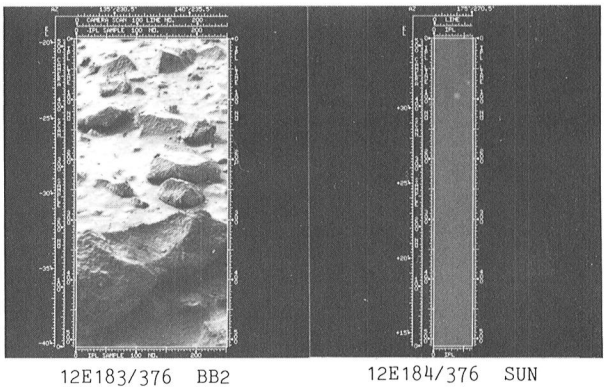
12E179/376 BB2

12E180/376 BB2



12E181/376 BB2

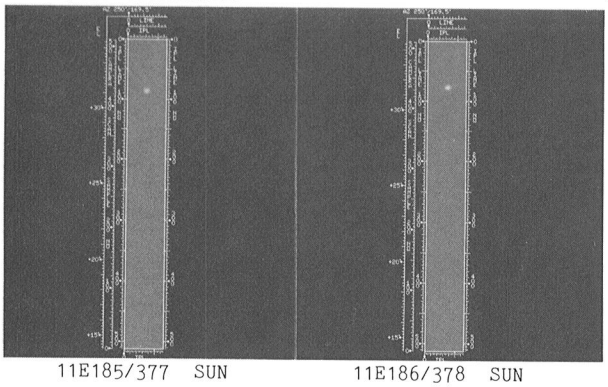
11E182/376 BB2



12E183/376 BB2

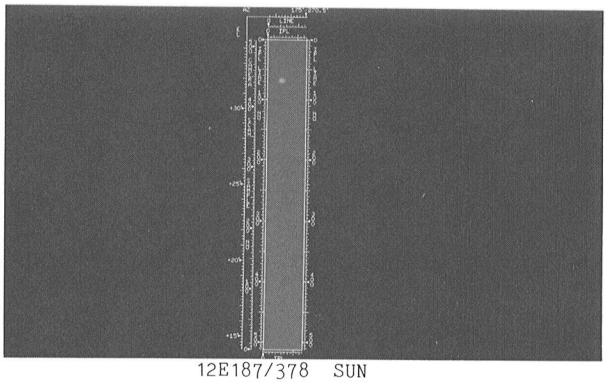
12E184/376 SUN

VL-I

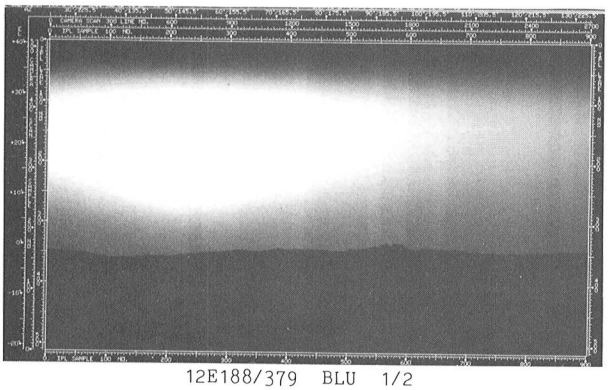


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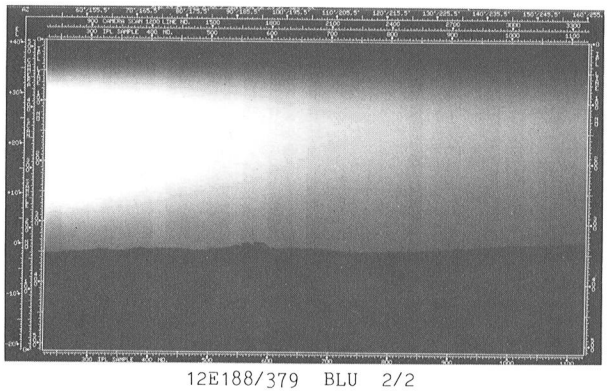
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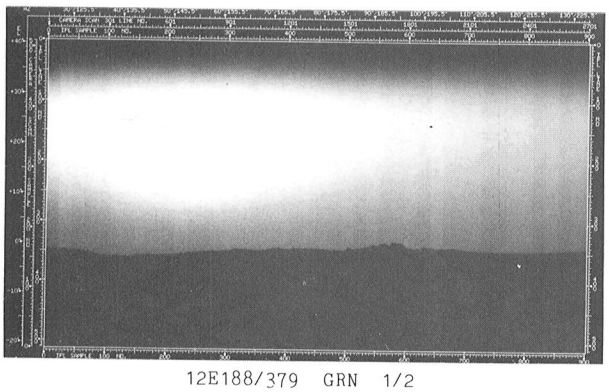
12E187/378 SUN



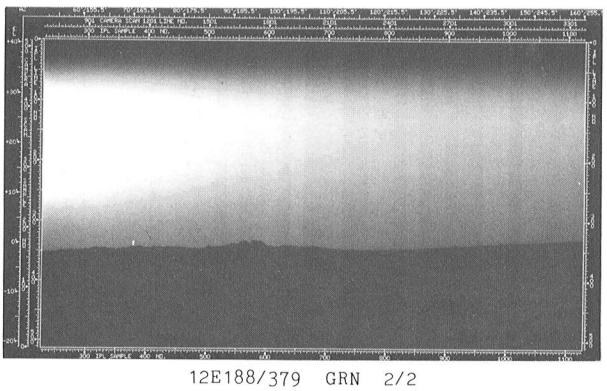
12E188/379 BLU 1/2



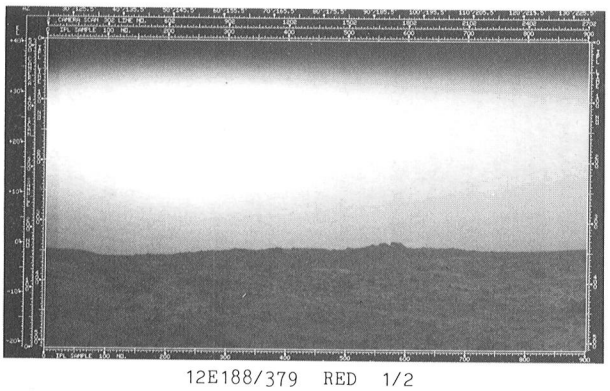
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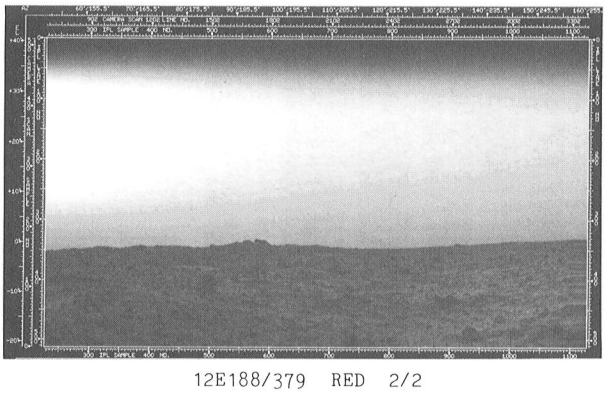
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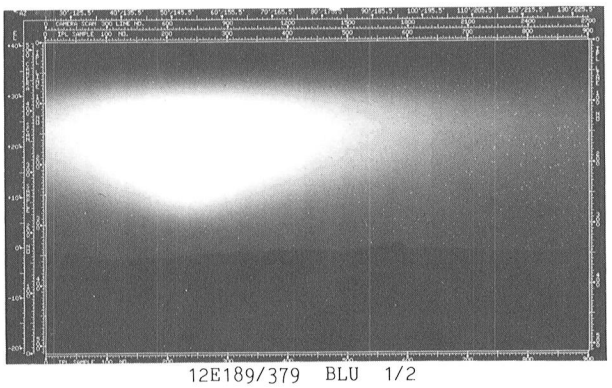
12E188/379 GRN 2/2



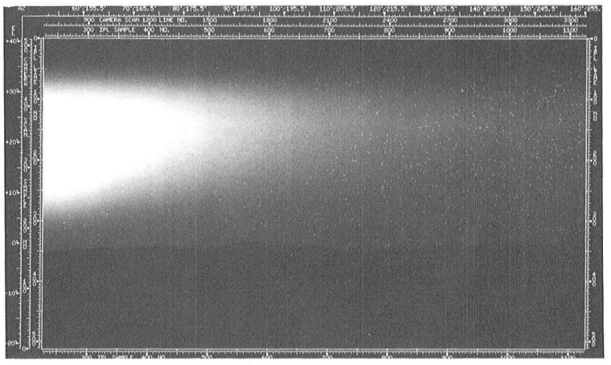
12E188/379 RED 1/2



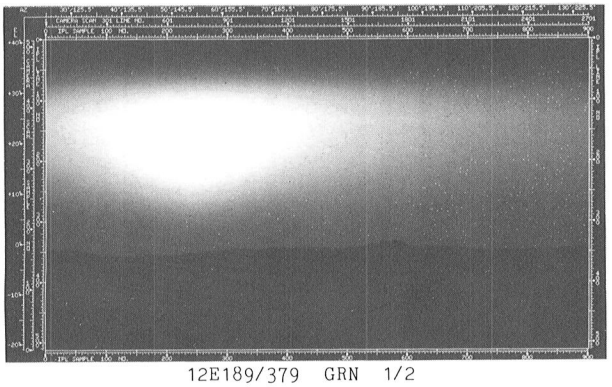
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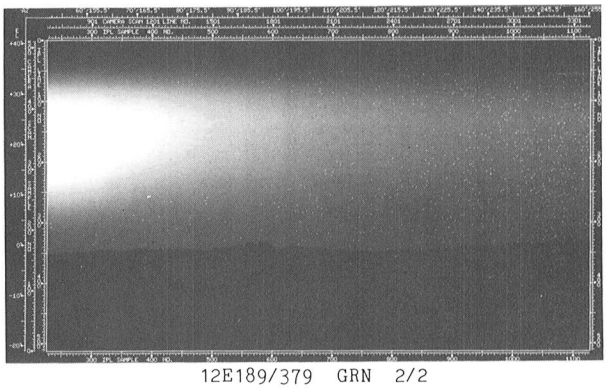
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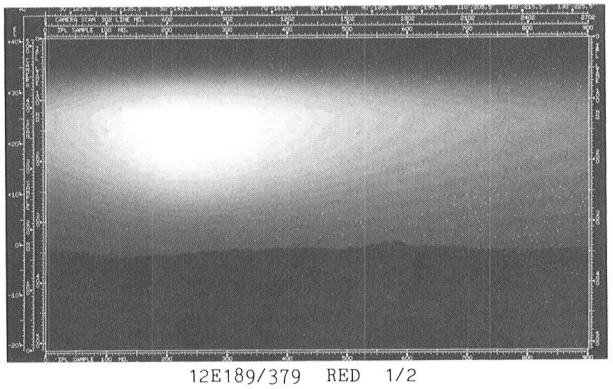
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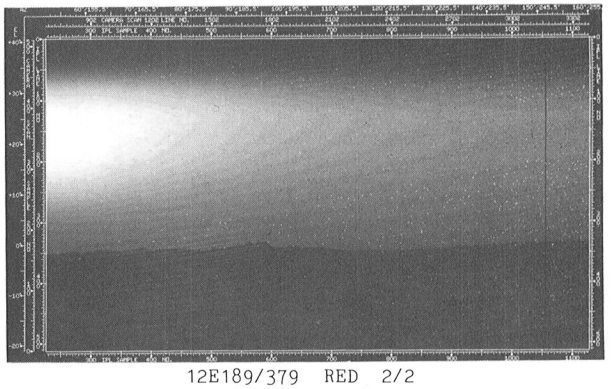
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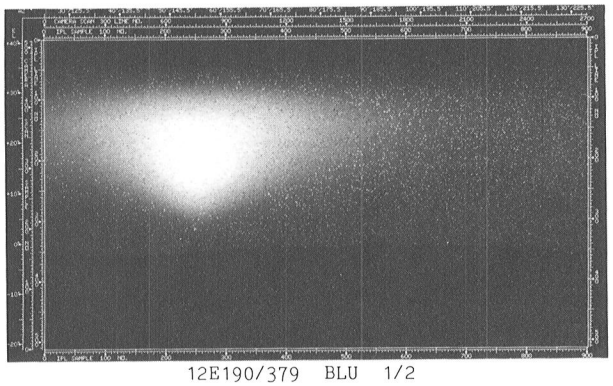
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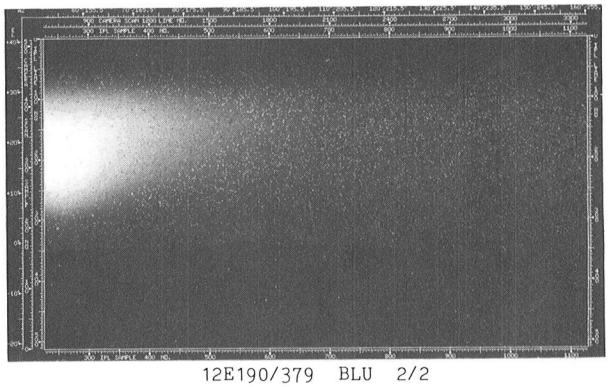
12E189/379 RED 1/2



12E189/379 RED 2/2

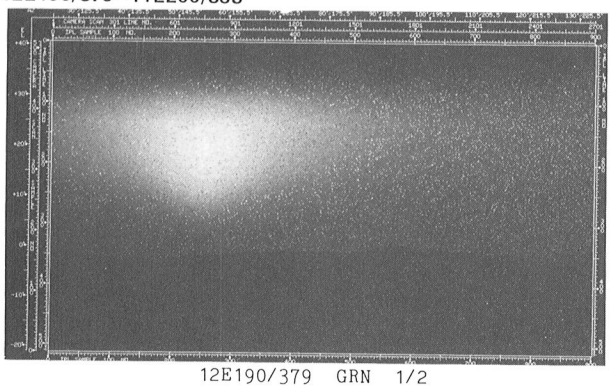


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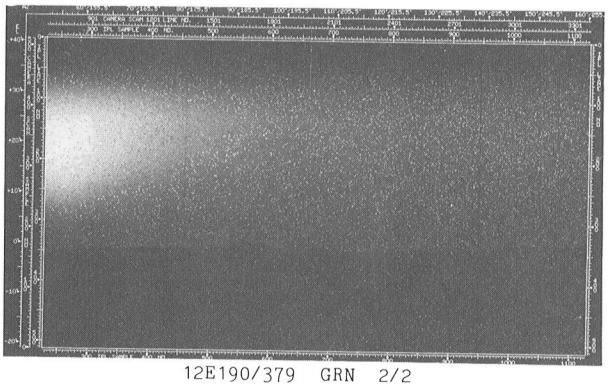


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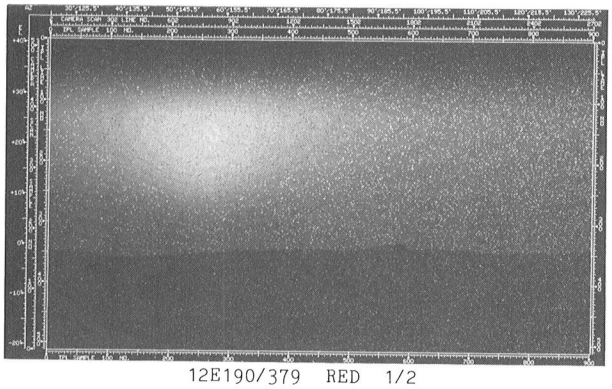
VL-I



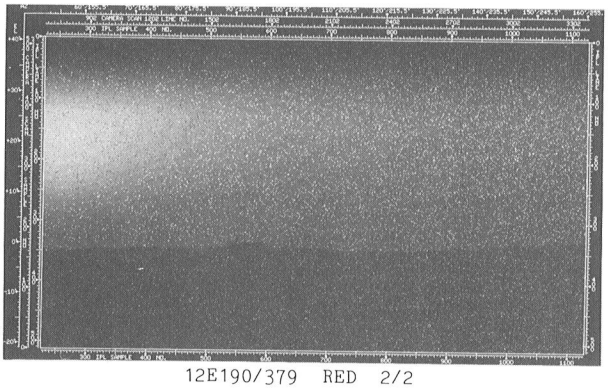
12E190/379 GRN 1/2



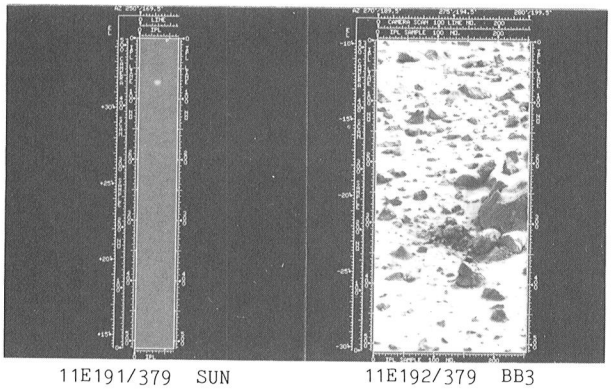
12E190/379 GRN 2/2



12E190/379 RED 1/2

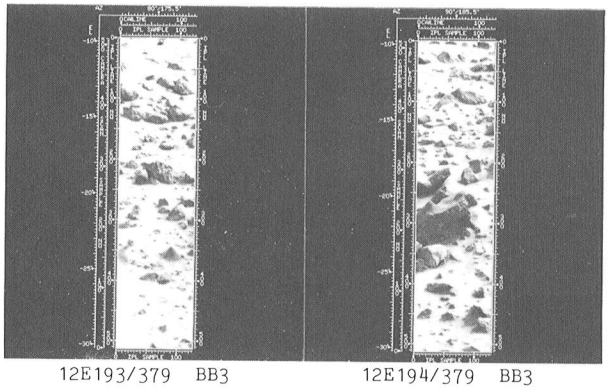


12E190/379 RED 2/2



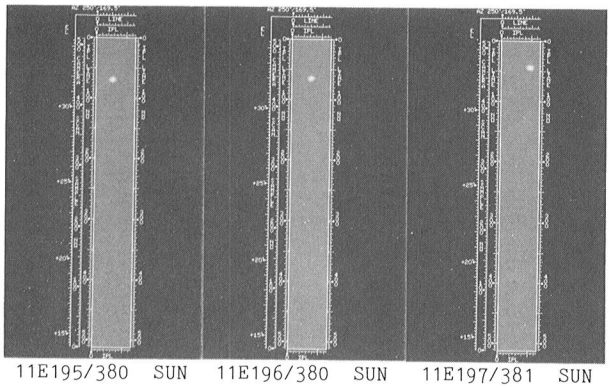
11E191/379 SUN

11E192/379 BB3



12E193/379 BB3

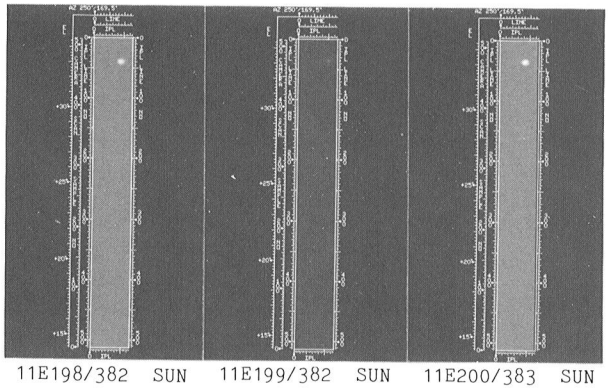
12E194/379 BB3



11E195/380 SUN

11E196/380 SUN

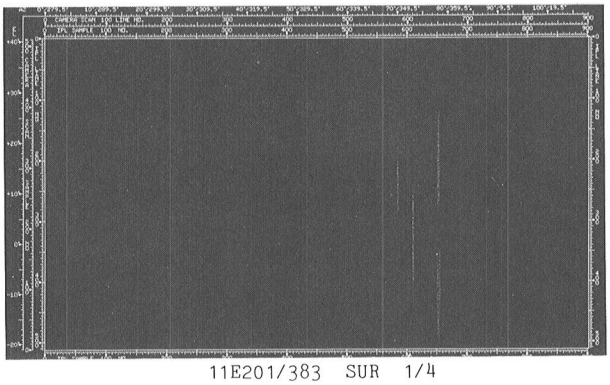
11E197/381 SUN



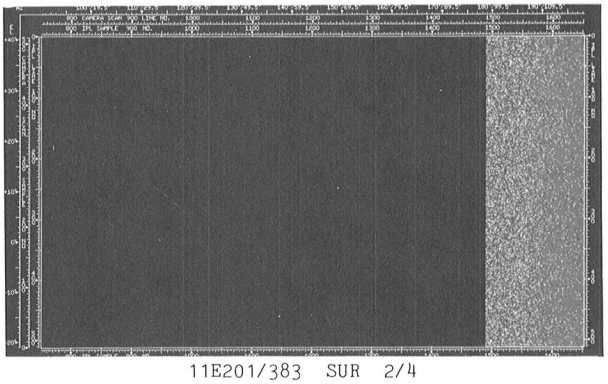
11E198/382 SUN

11E199/382 SUN

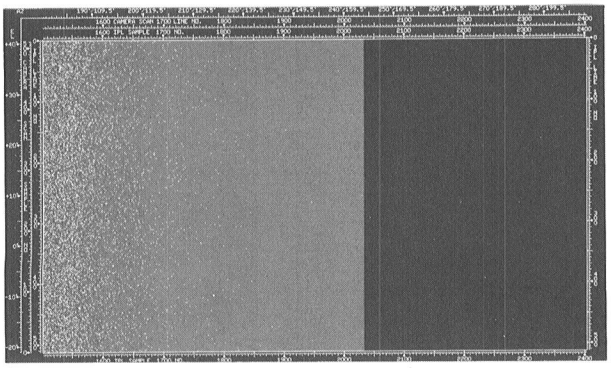
11E200/383 SUN



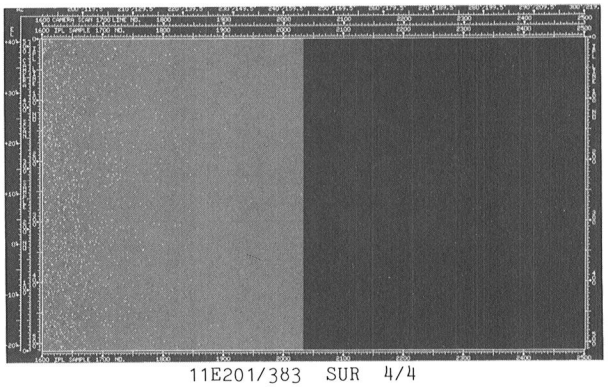
11E201/383 SUR 1/4



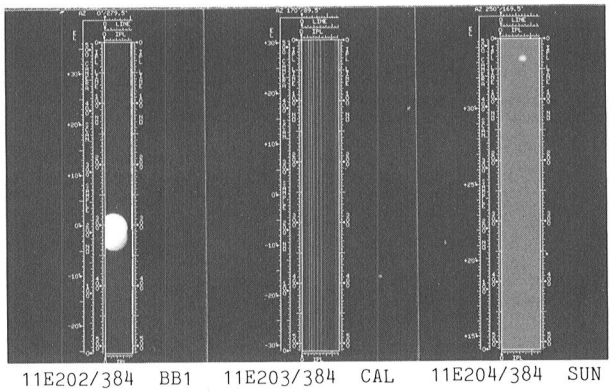
11E201/383 SUR 2/4



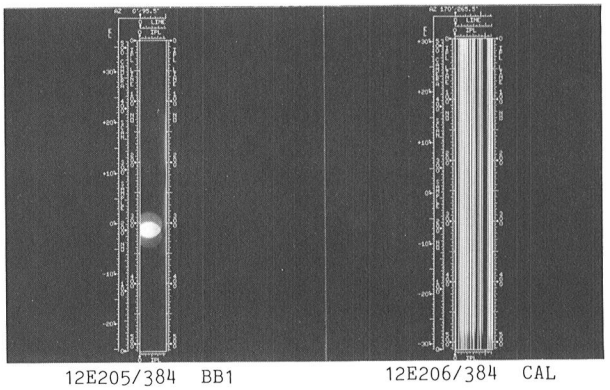
11E201/383 SUR 3/4



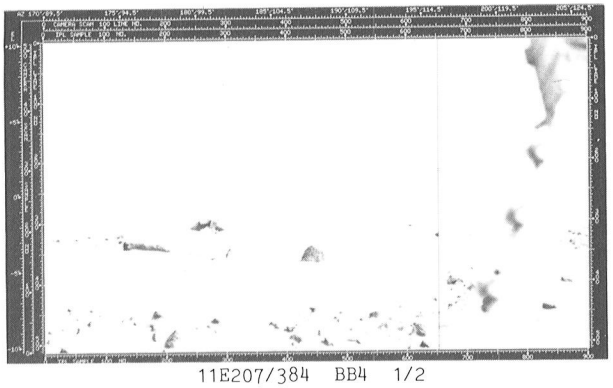
11E201/383 SUR 4/4



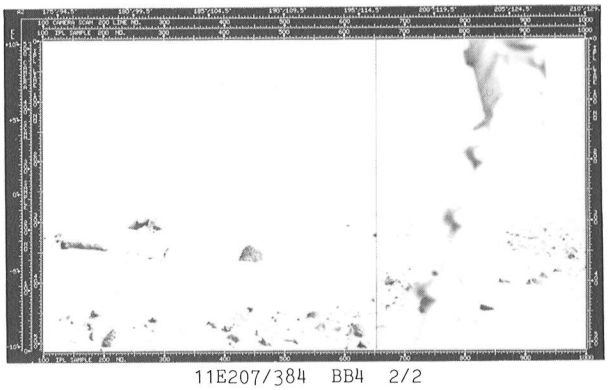
11E202/384 BB1 11E203/384 CAL 11E204/384 SUN



12E205/384 BB1 12E206/384 CAL

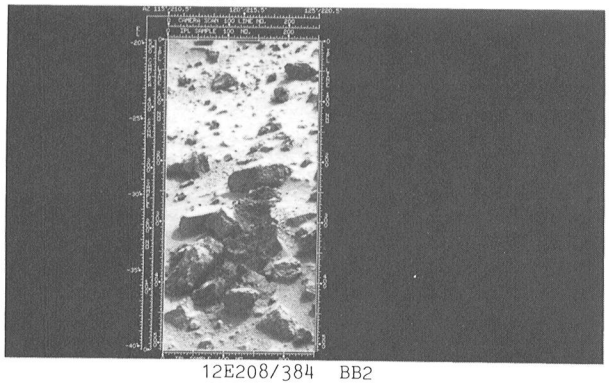


11E207/384 BB4 1/2

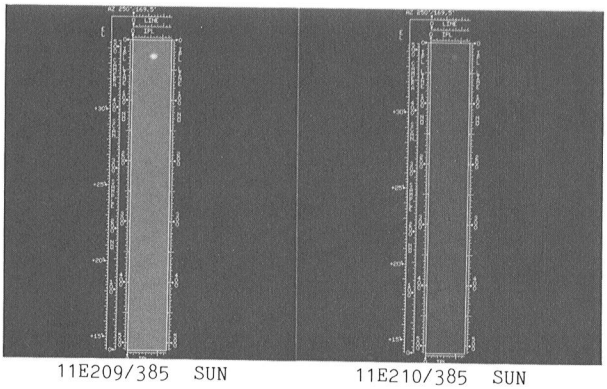


11E207/384 BB4 2/2

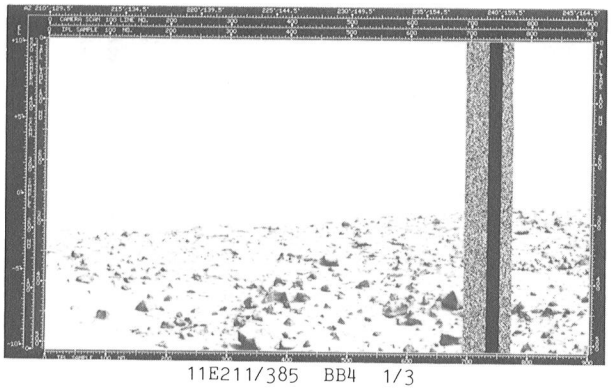
VL-I



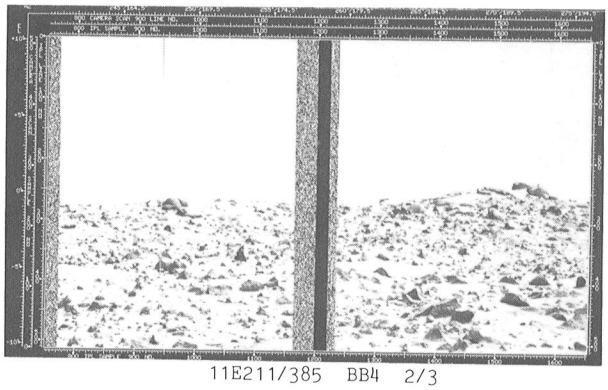
12E208/384 BB2



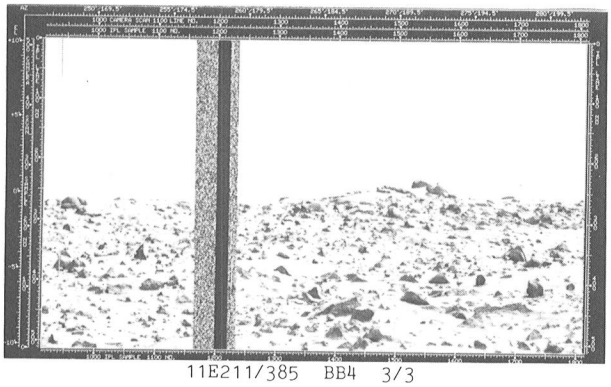
11E209/385 SUN 11E210/385 SUN



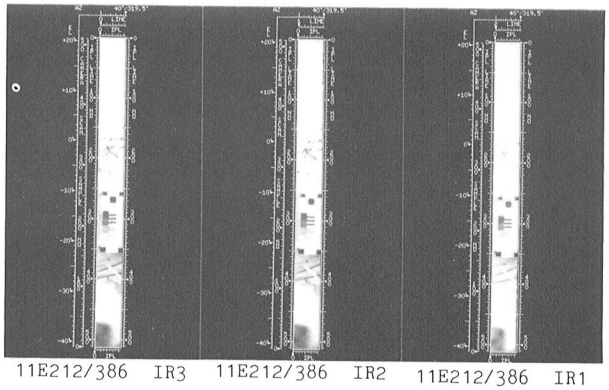
11E211/385 BB4 1/3



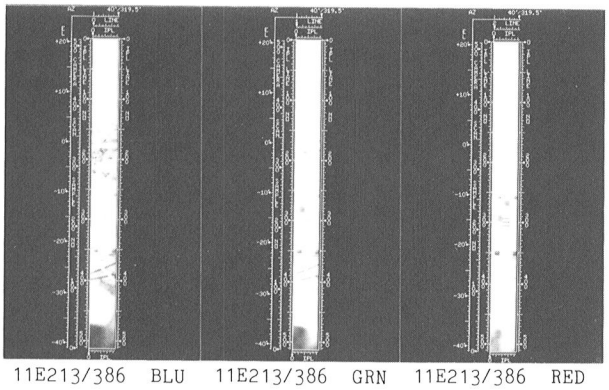
11E211/385 BB4 2/3



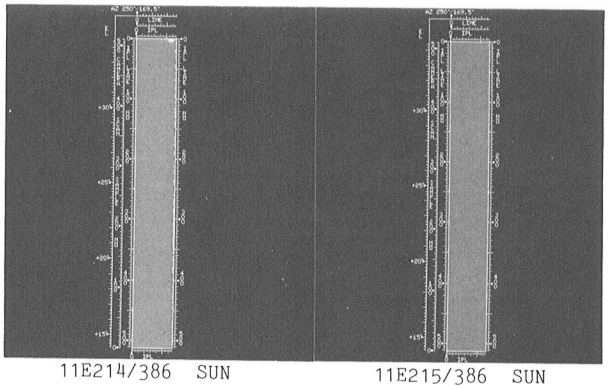
11E211/385 BB4 3/3



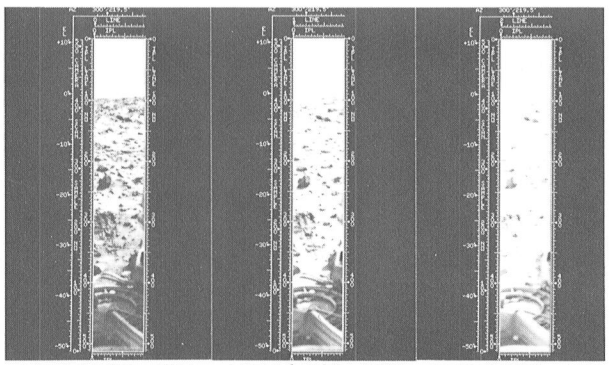
11E212/386 IR3 11E212/386 IR2 11E212/386 IR1



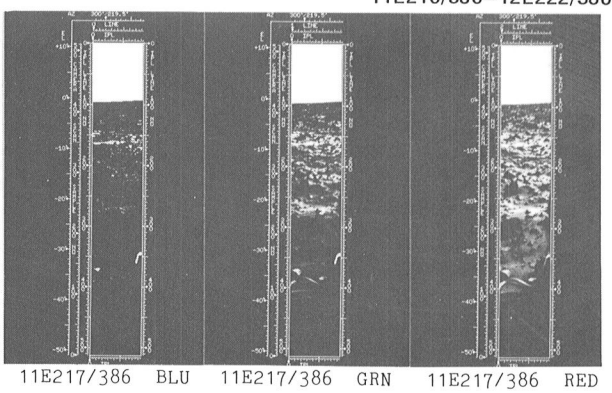
11E213/386 BLU 11E213/386 GRN 11E213/386 RED



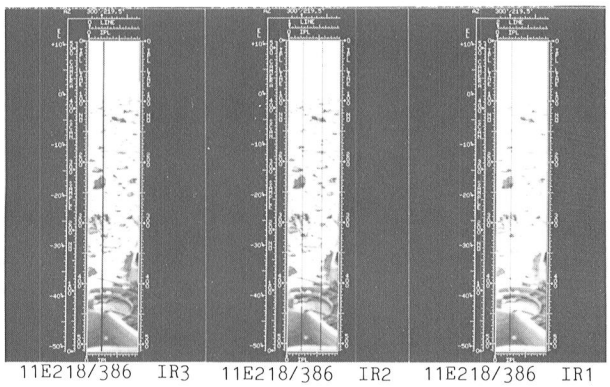
11E214/386 SUN 11E215/386 SUN



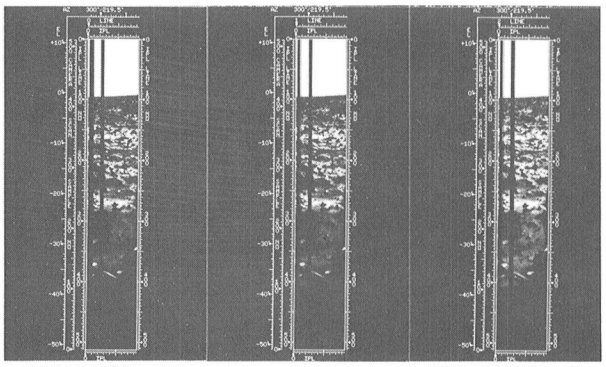
11E216/386 BLU 11E216/386 GRN 11E216/386 RED



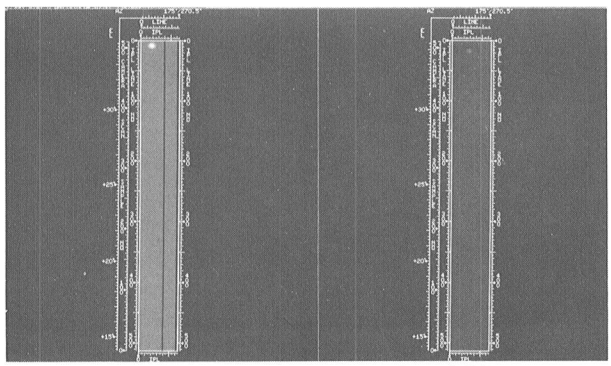
11E217/386 BLU 11E217/386 GRN 11E217/386 RED



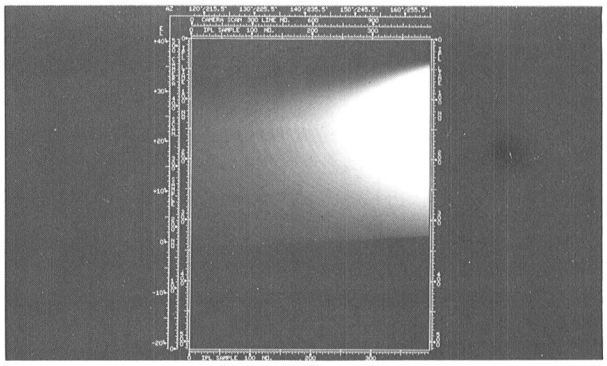
11E218/386 IR3 11E218/386 IR2 11E218/386 IR1



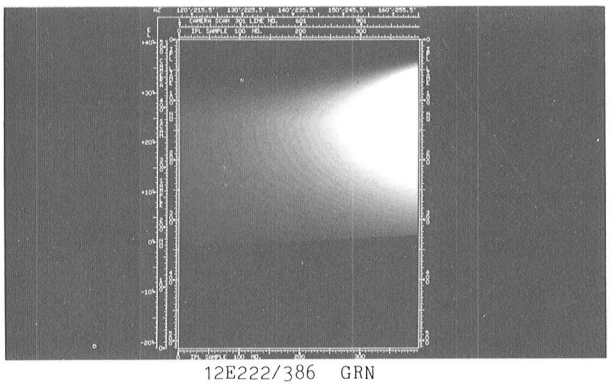
11E219/386 IR3 11E219/386 IR2 11E219/386 IR1



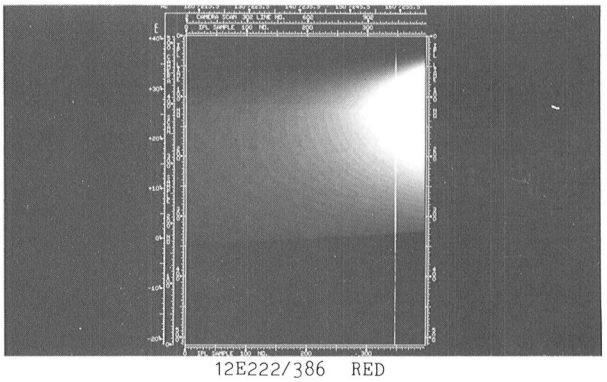
12E220/386 SUN 12E221/386 SUN



12E222/386 BLU

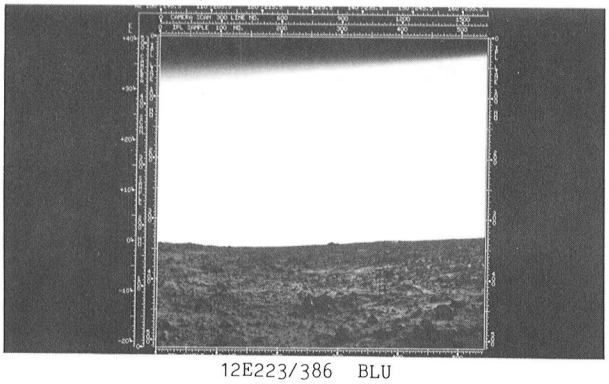


12E222/386 GRN

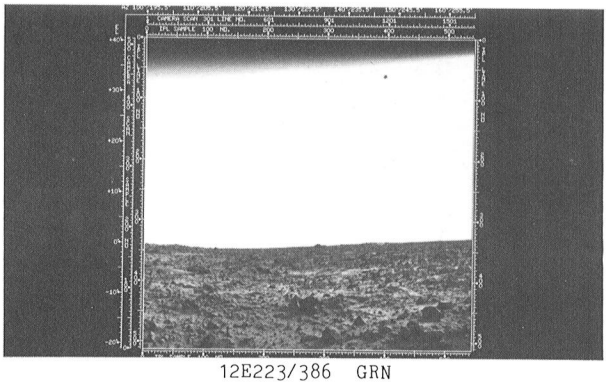


12E222/386 RED

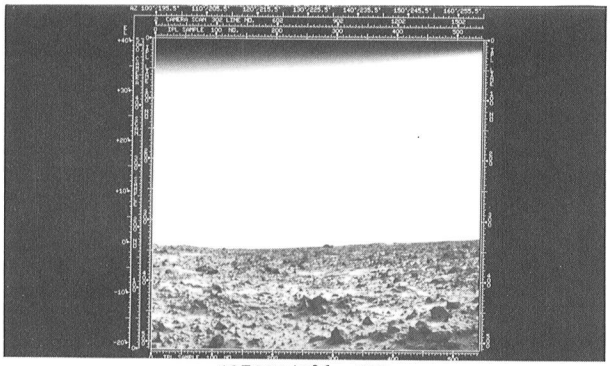
VL-I



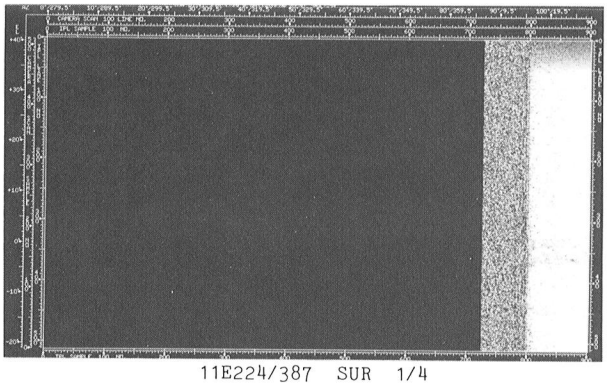
12E223/386 BLU



12E223/386 GRN



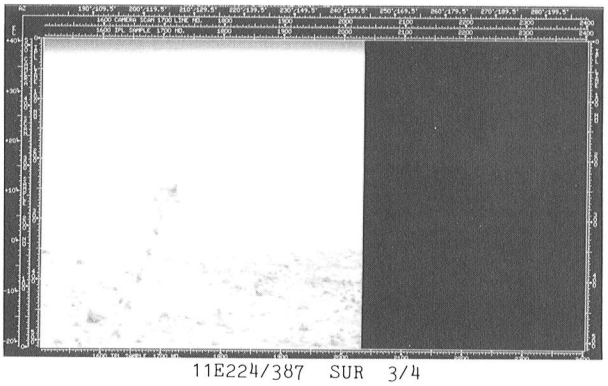
12E223/386 RED



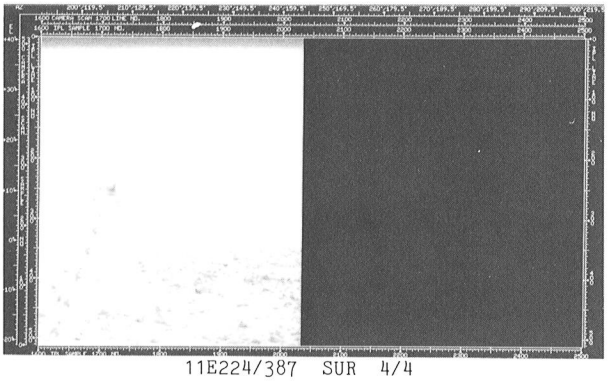
11E224/387 SUR 1/4



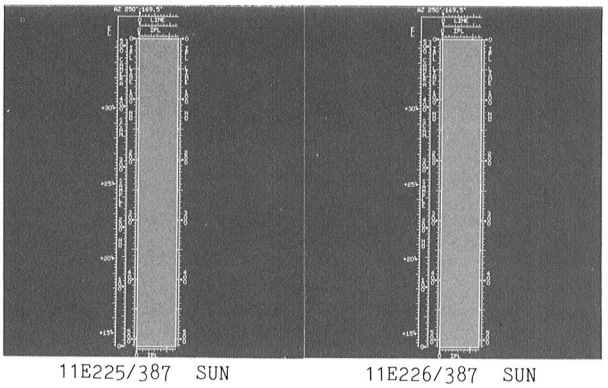
11E224/387 SUR 2/4



11E224/387 SUR 3/4

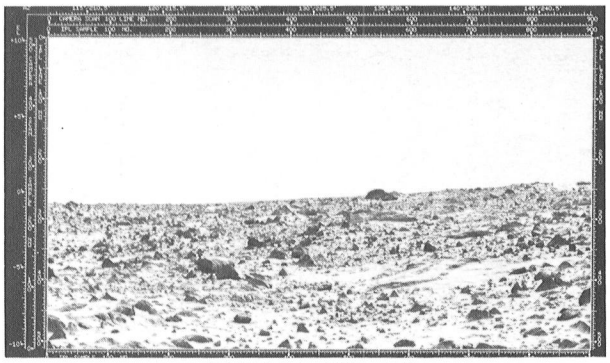


11E224/387 SUR 4/4

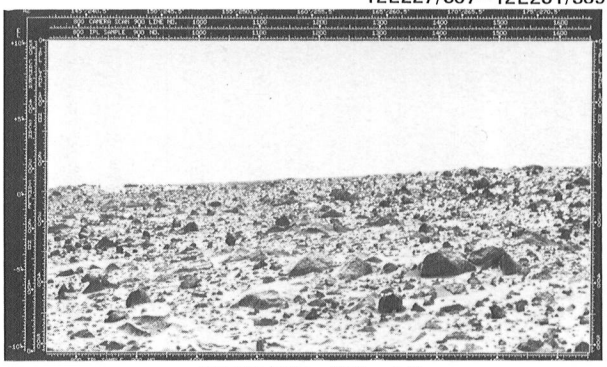


11E225/387 SUN

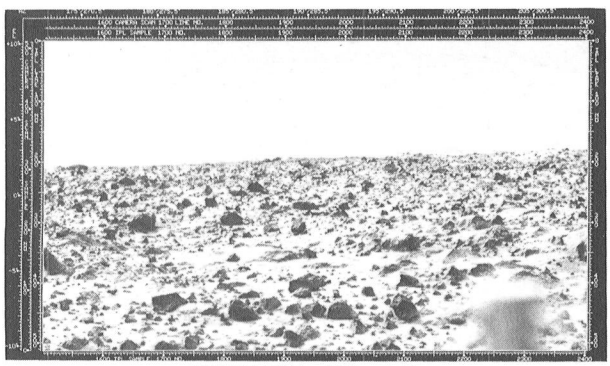
11E226/387 SUN



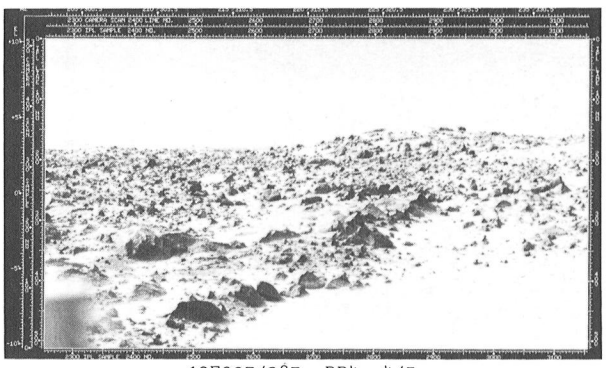
12E227/387 BB4 1/5



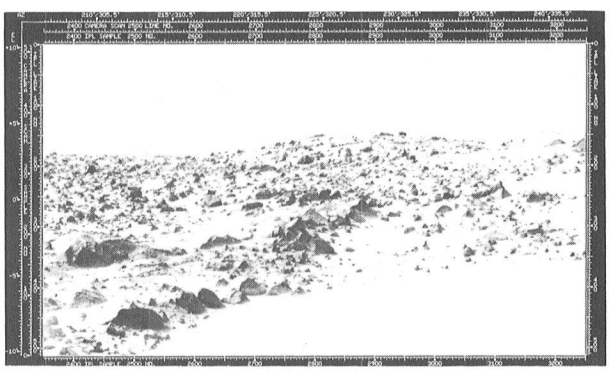
12E227/387 BB4 2/5



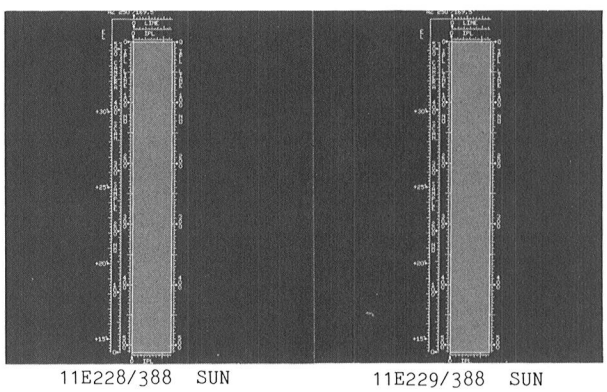
12E227/387 BB4 3/5



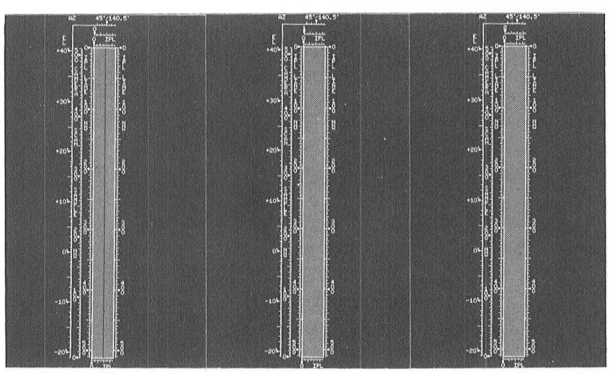
12E227/387 BB4 4/5



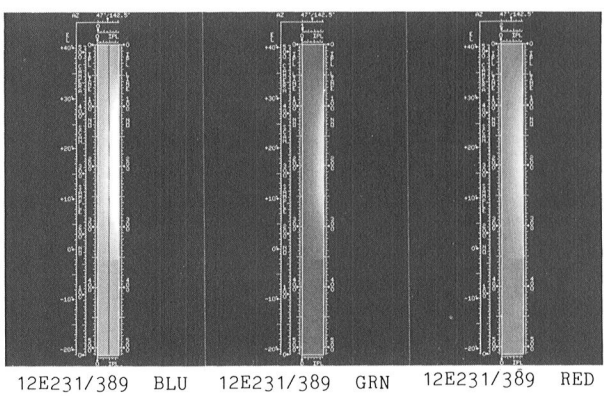
12E227/387 BB4 5/5



11E228/388 SUN 11E229/388 SUN

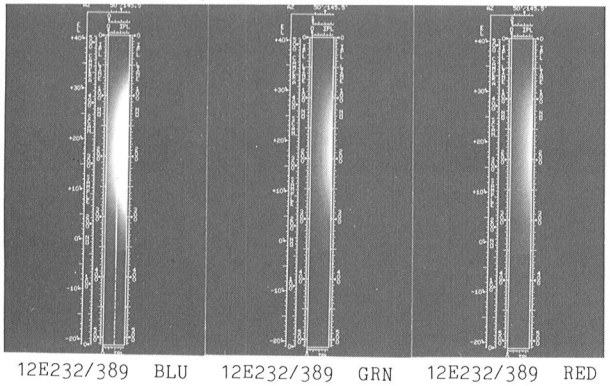


12E230/389 BLU 12E230/389 GRN 12E230/389 RED

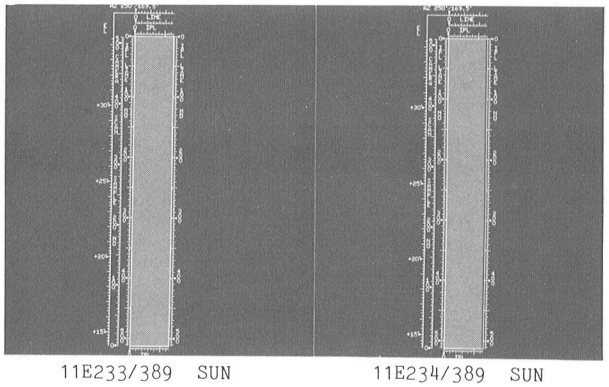


12E231/389 BLU 12E231/389 GRN 12E231/389 RED

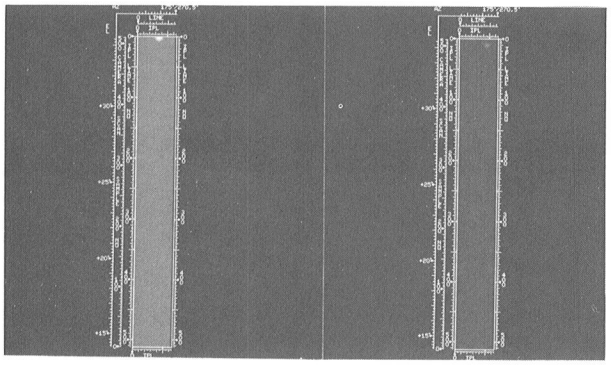
VL-I



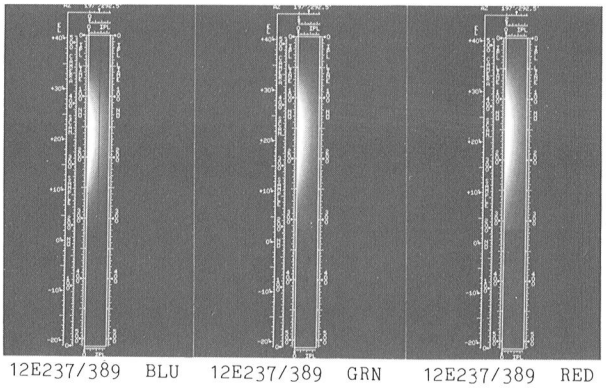
12E232/389 BLU 12E232/389 GRN 12E232/389 RED



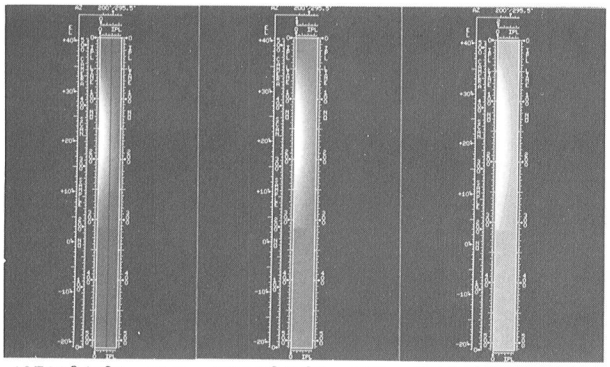
11E233/389 SUN 11E234/389 SUN



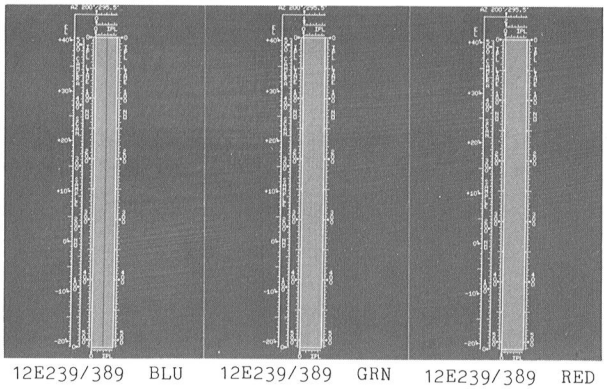
12E235/389 SUN 12E236/389 SUN



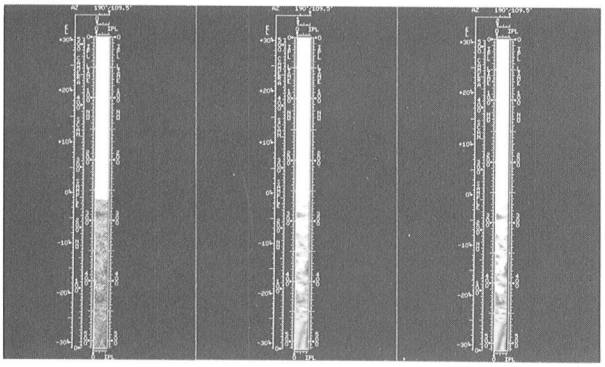
12E237/389 BLU 12E237/389 GRN 12E237/389 RED



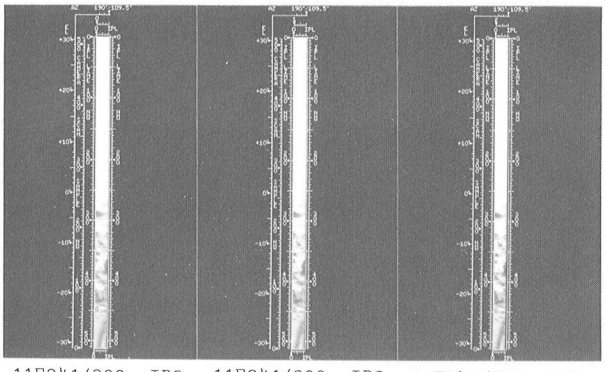
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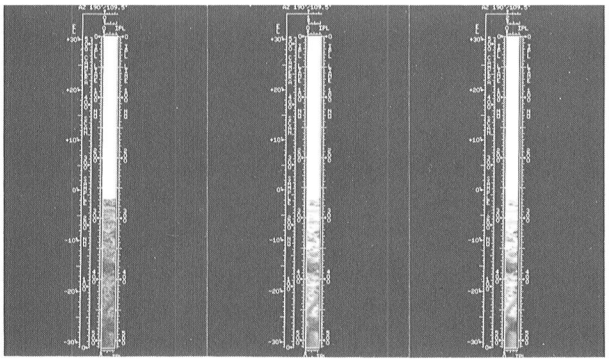
12E239/389 BLU 12E239/389 GRN 12E239/389 RED



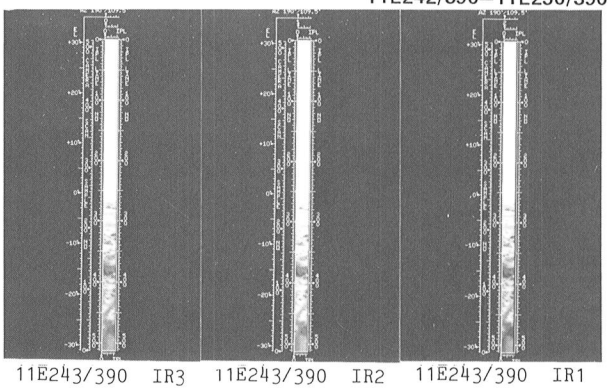
11E240/390 BLU 11E240/390 GRN 11E240/390 RED



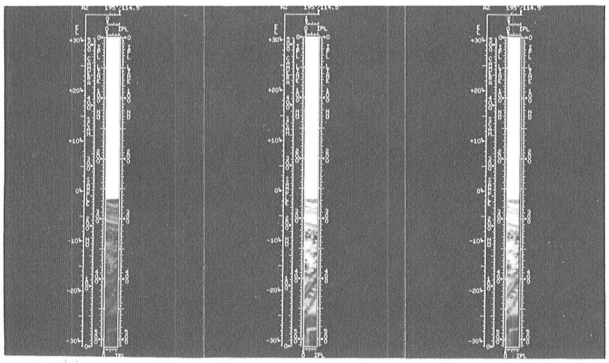
11E241/390 IR3 11E241/390 IR2 11E241/390 IR1



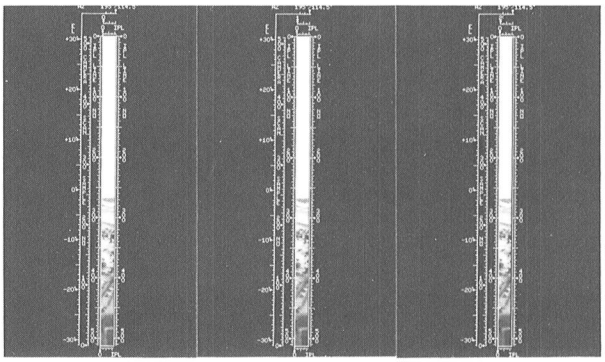
11E242/390 BLU 11E242/390 GRN 11E242/390 RED



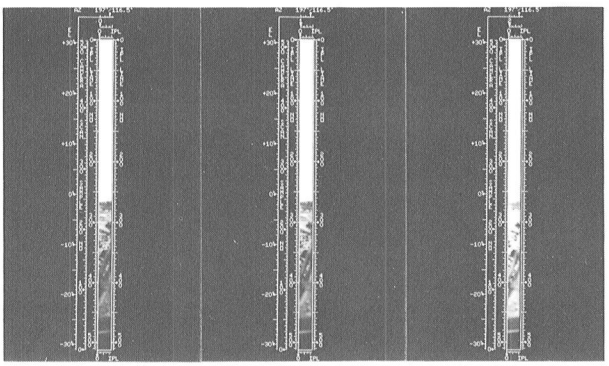
11E243/390 IR3 11E243/390 IR2 11E243/390 IR1



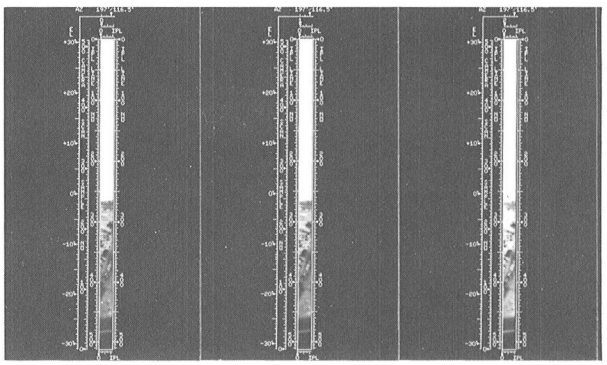
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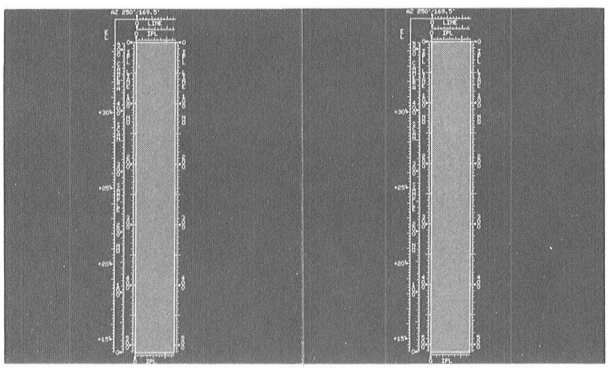
11E245/390 IR3 11E245/390 IR2 11E245/390 IR1



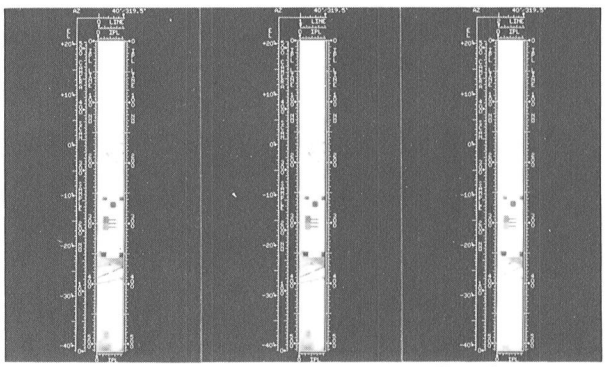
11E246/390 BLU 11E246/390 GRN 11E246/390 RED



11E247/390 IR3 11E247/390 IR2 11E247/390 IR1

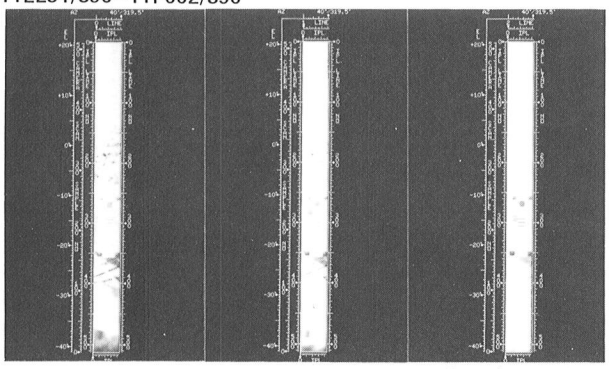


11E248/390 SUN 11E249/390 SUN

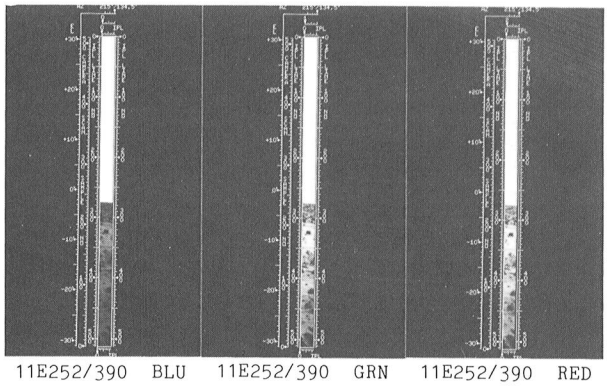


11E250/390 IR3 11E250/390 IR2 11E250/390 IR1

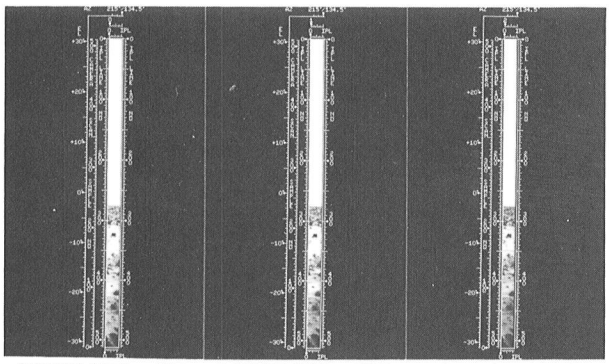
11E251/390–11F002/390



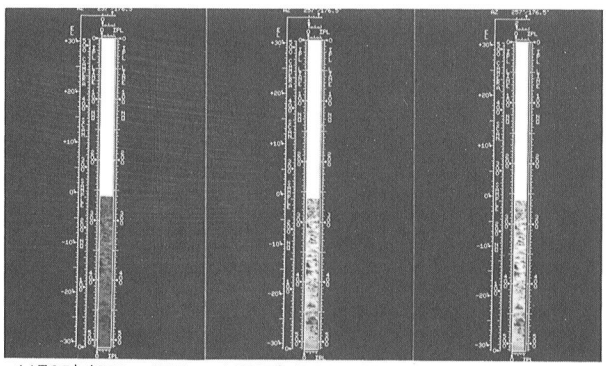
11E251/390 BLU 11E251/390 GRN 11E251/390 RED



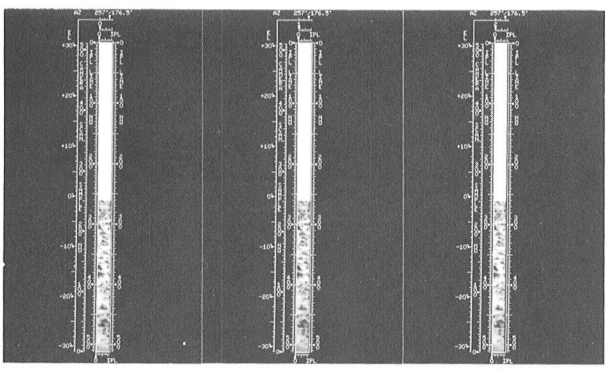
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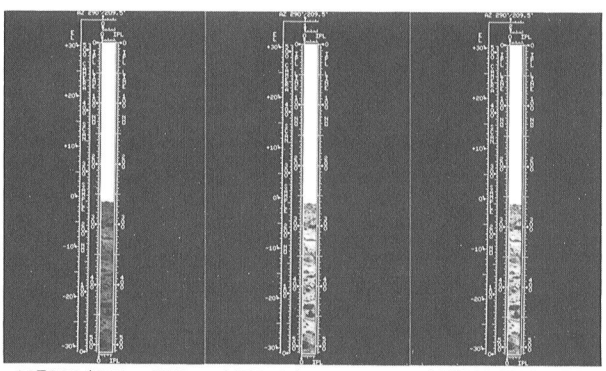
11E253/390 IR3 11E253/390 IR2 11E253/390 IR1



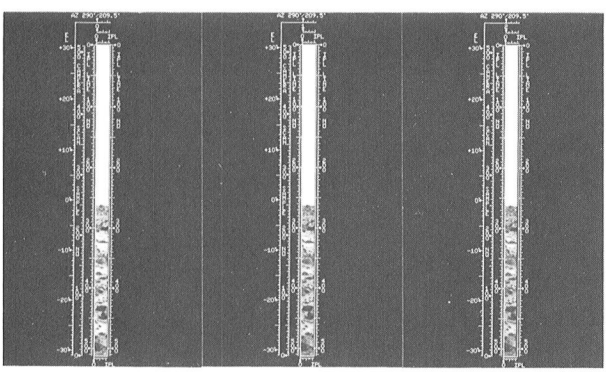
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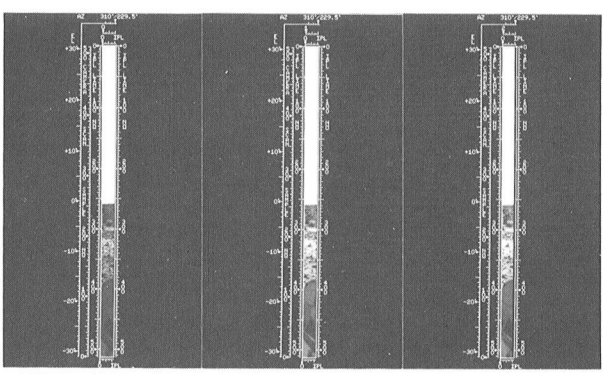
11E255/390 IR3 11E255/390 IR2 11E255/390 IR1



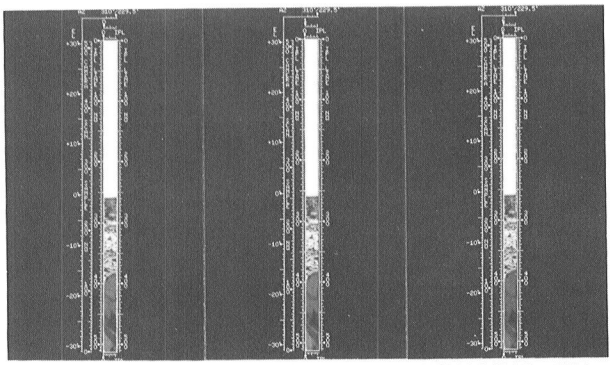
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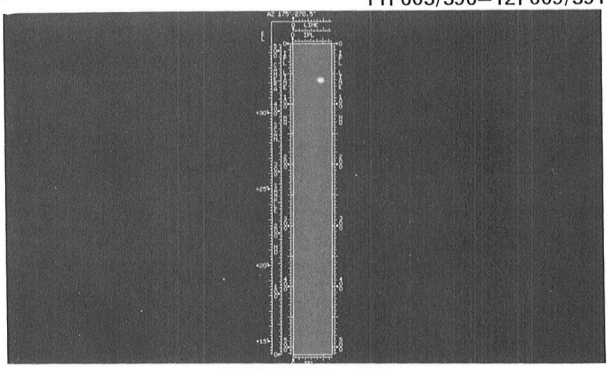
11F001/390 IR3 11F001/390 IR2 11F001/390 IR1



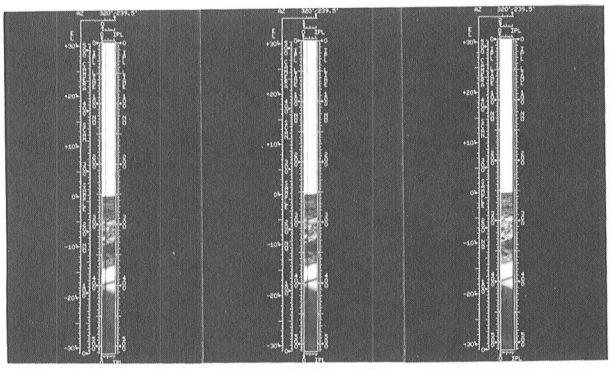
11F002/390 BLU 11F002/390 GRN 11F002/390 RED



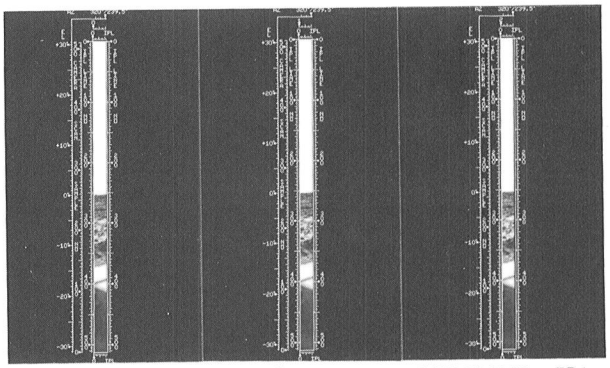
11F003/390 IR3 11F003/390 IR2 11F003/390 IR1



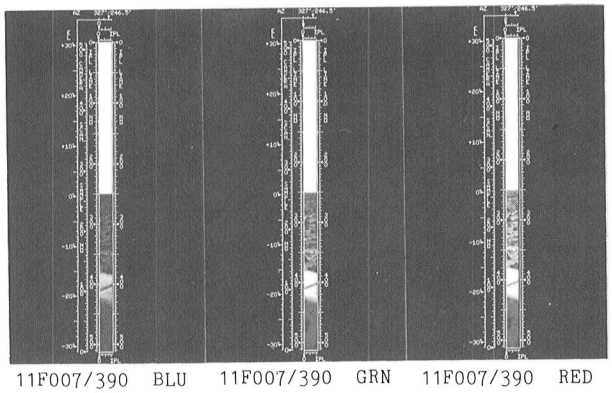
12F004/390 SUN



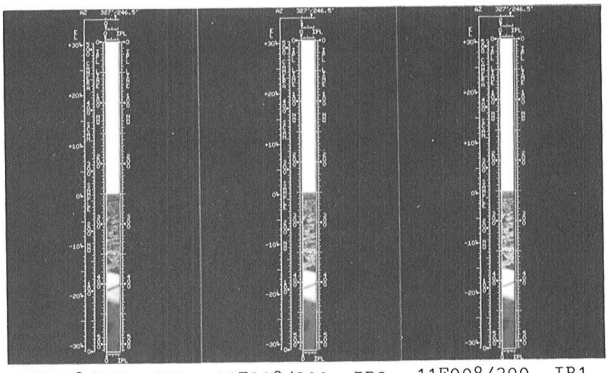
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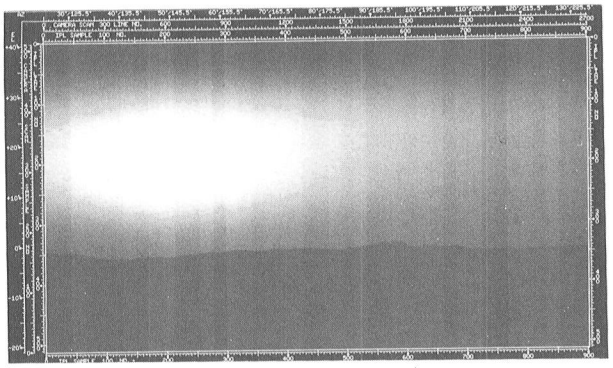
11F006/390 IR3 11F006/390 IR2 11F006/390 IR1



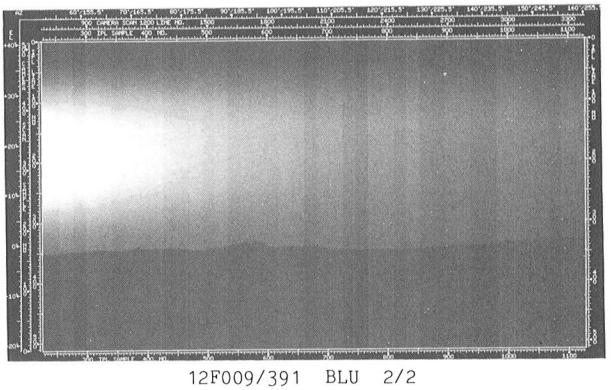
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11F008/390 IR3 11F008/390 IR2 11F008/390 IR1

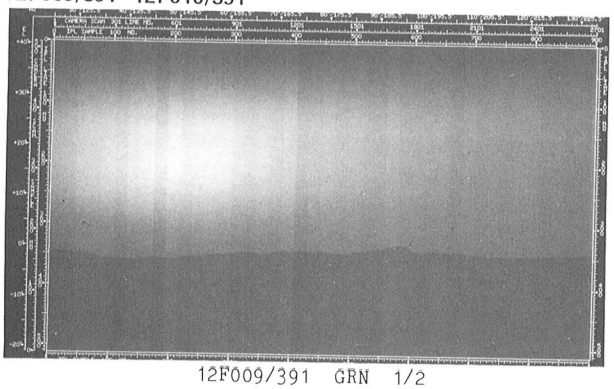


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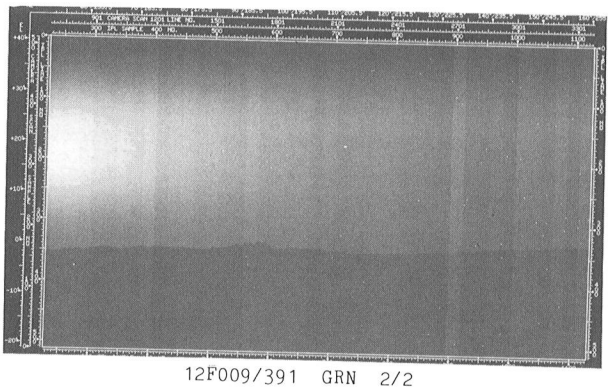


12F009/391 BLU 2/2

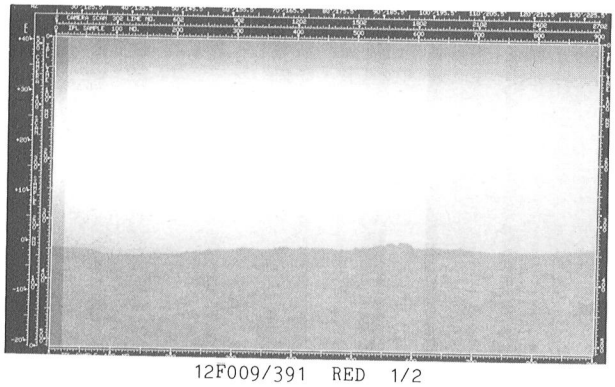
VL-I



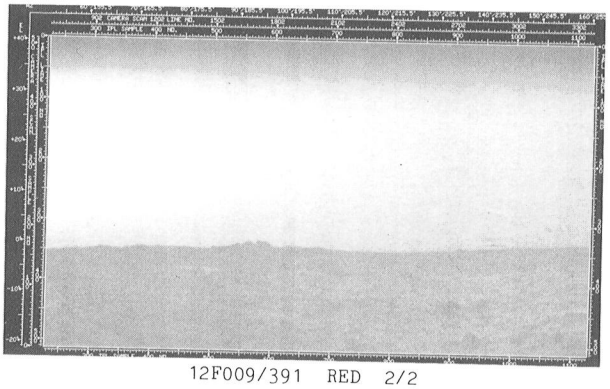
12F009/391 GRN 1/2



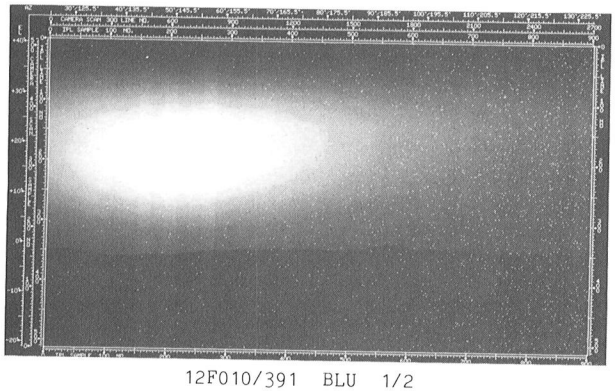
12F009/391 GRN 2/2



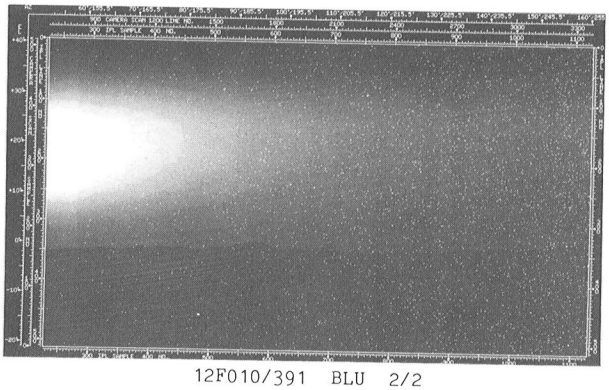
12F009/391 RED 1/2



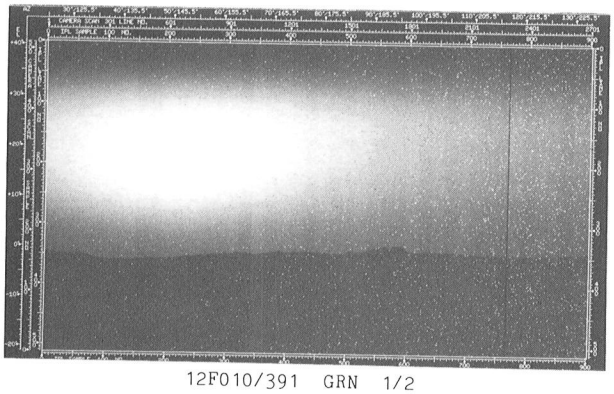
12F009/391 RED 2/2



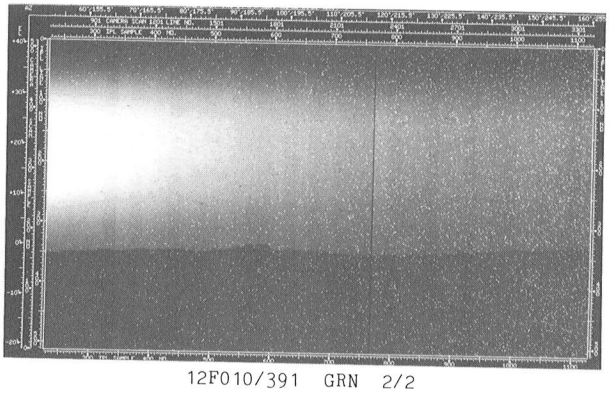
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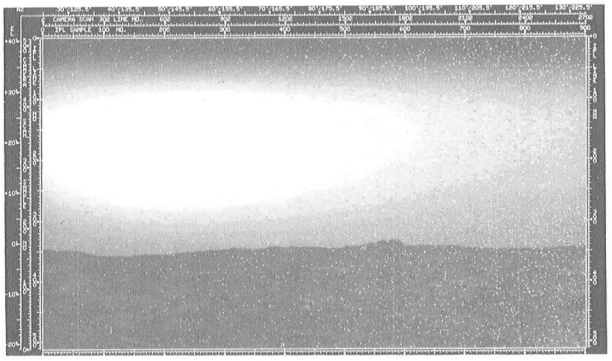
12F010/391 BLU 2/2



12F010/391 GRN 1/2



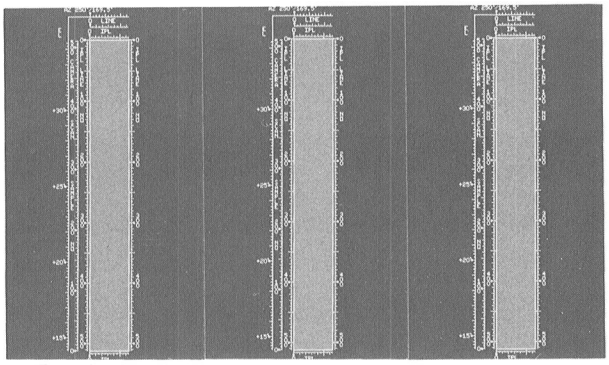
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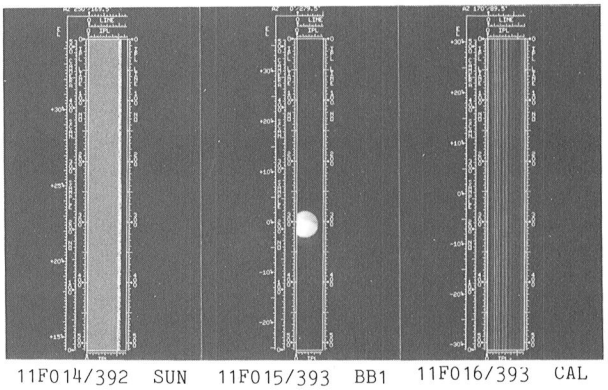
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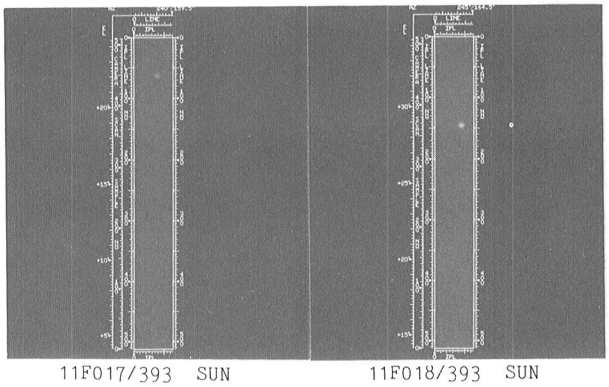
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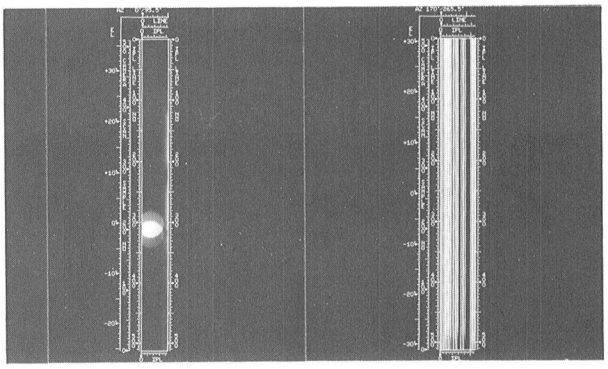
11F011/391 SUN 11F012/391 SUN 11F013/392 SUN



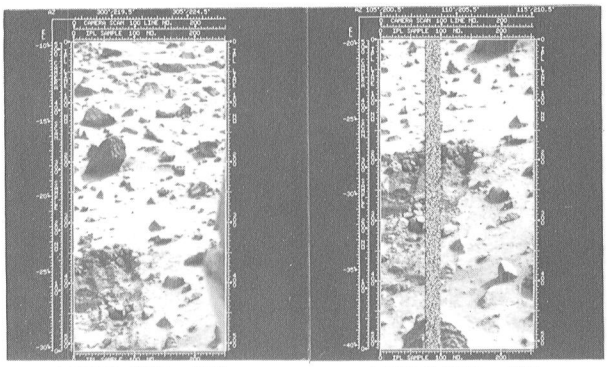
11F014/392 SUN 11F015/393 BB1 11F016/393 CAL



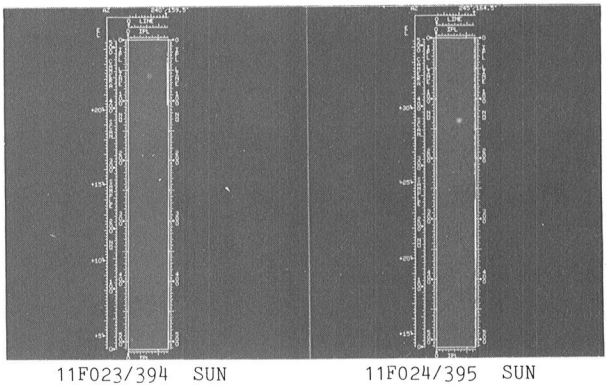
11F017/393 SUN 11F018/393 SUN



12F019/393 BB1 12F020/393 CAL

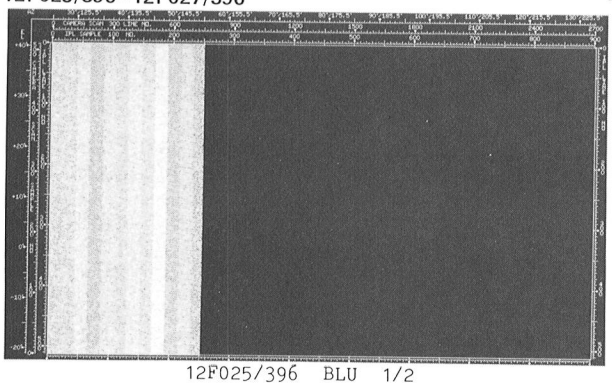


11F021/393 BB2 12F022/393 BB2

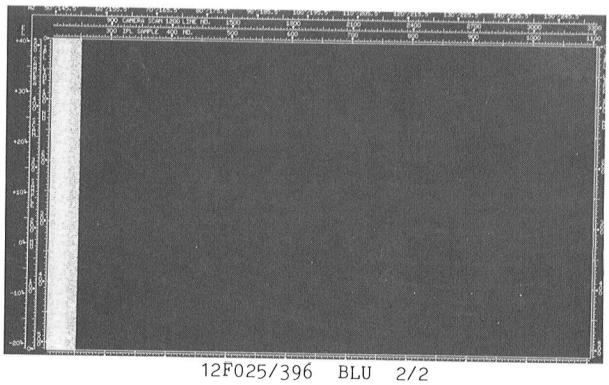


11F023/394 SUN 11F024/395 SUN

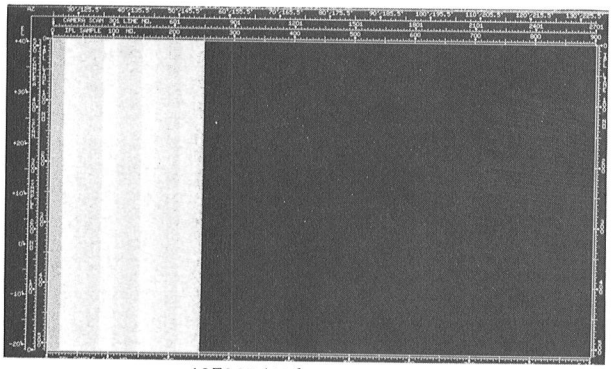
VL-I



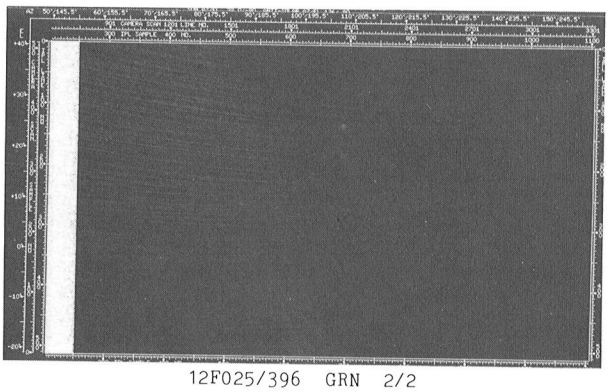
12F025/396 BLU 1/2



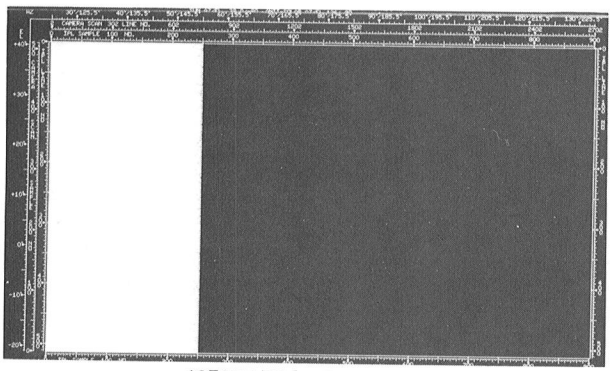
12F025/396 BLU 2/2



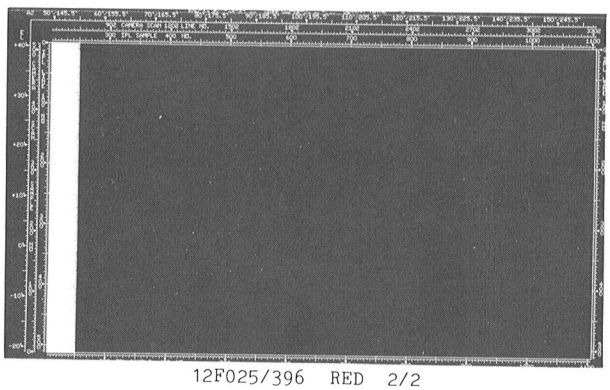
12F025/396 GRN 1/2



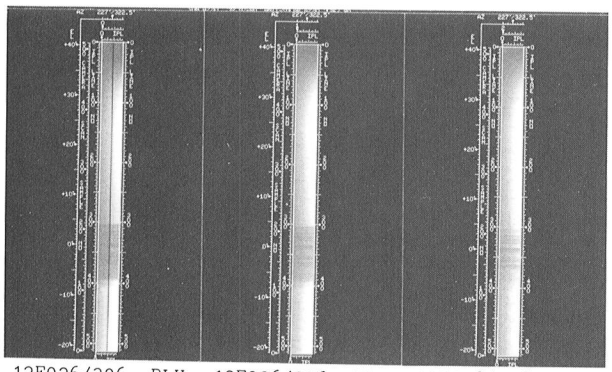
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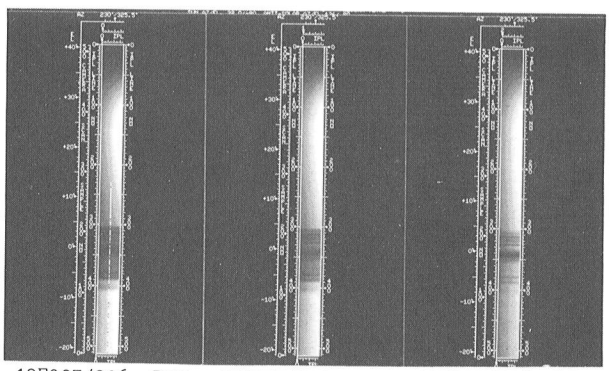
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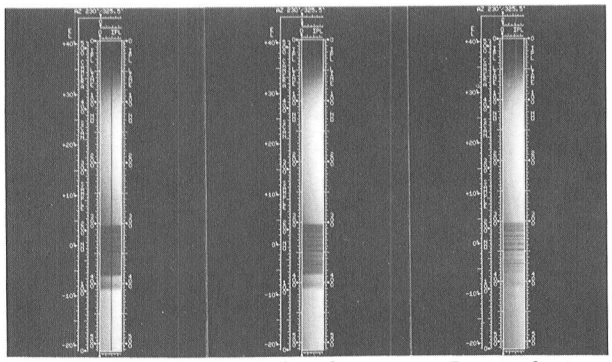
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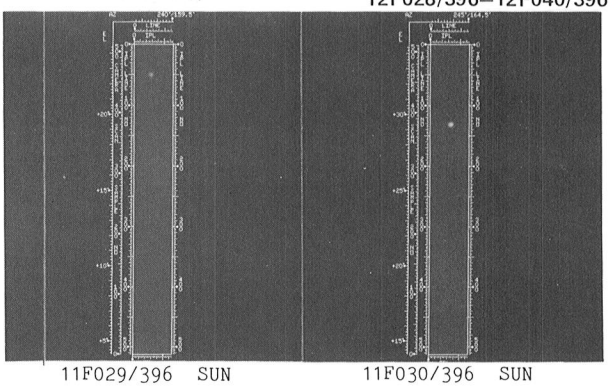
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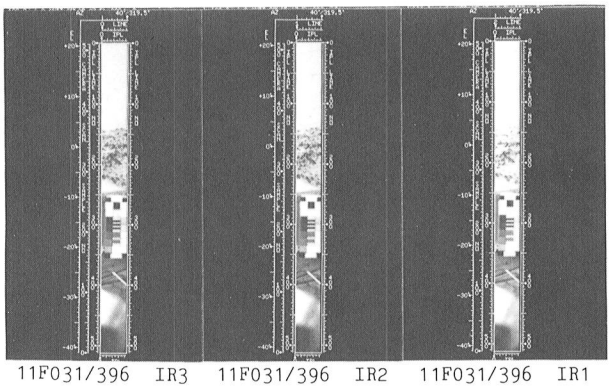
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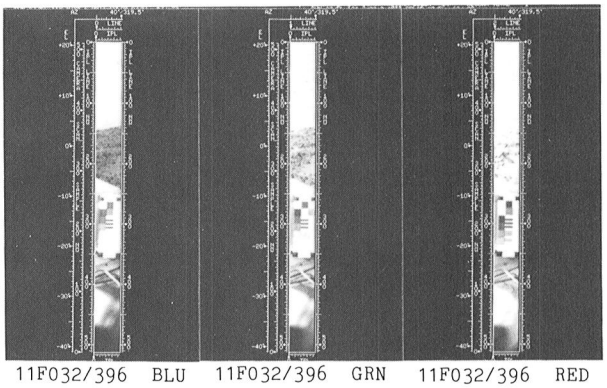
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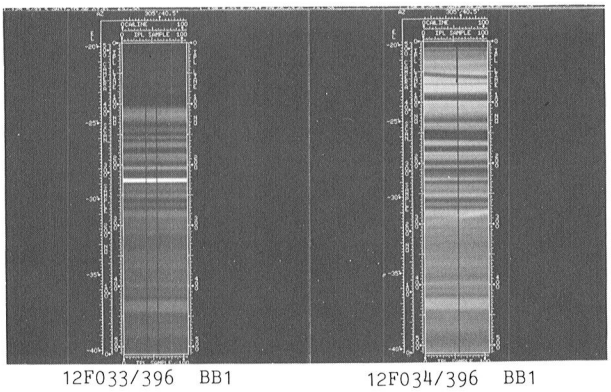
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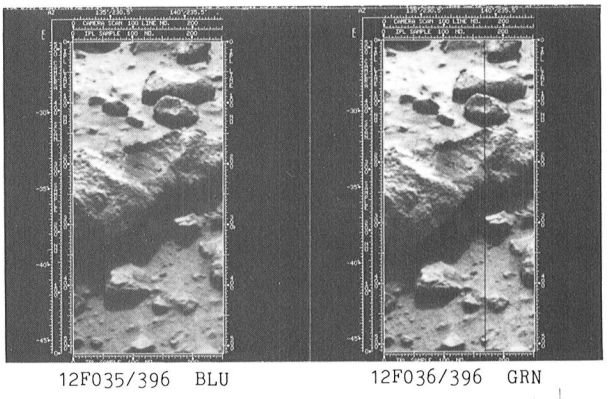
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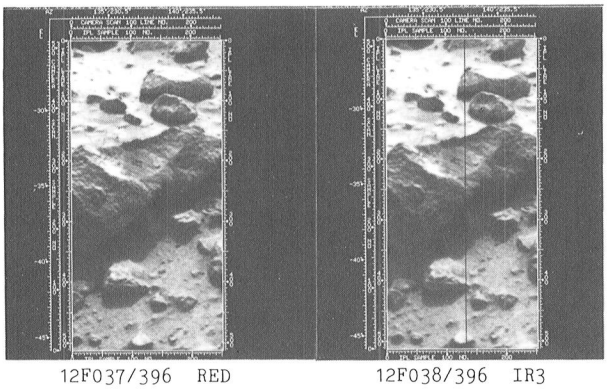
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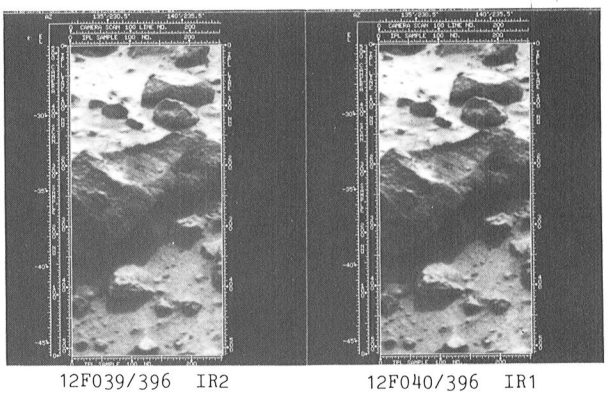
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12F035/396 BLU 12F036/396 GRN

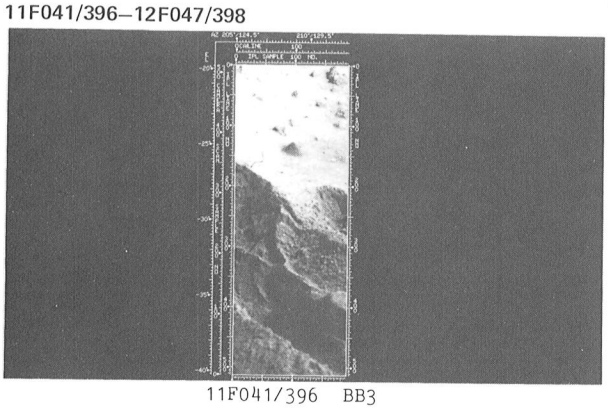


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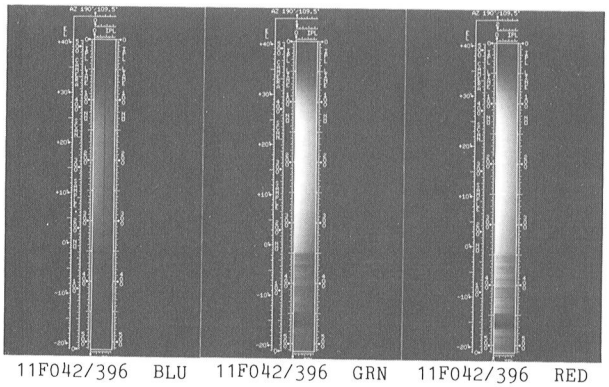


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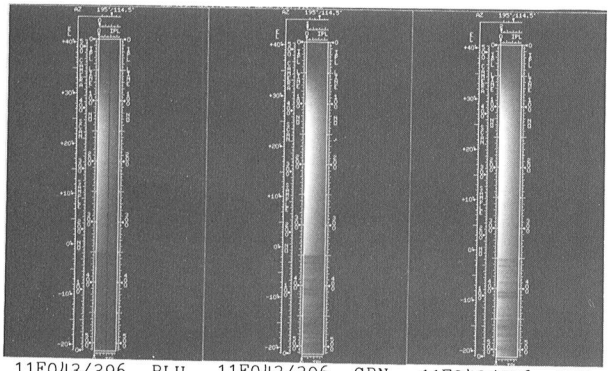
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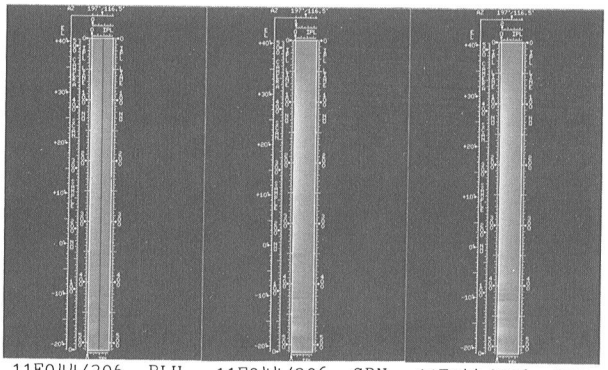
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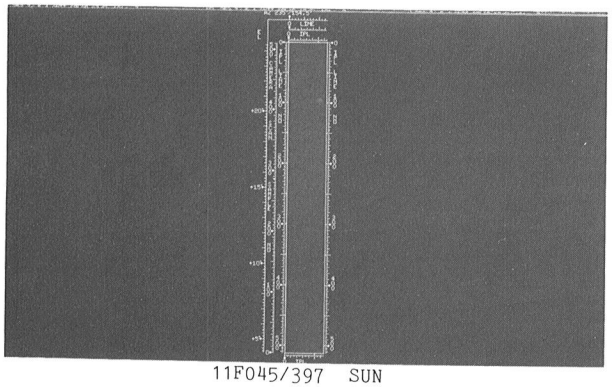
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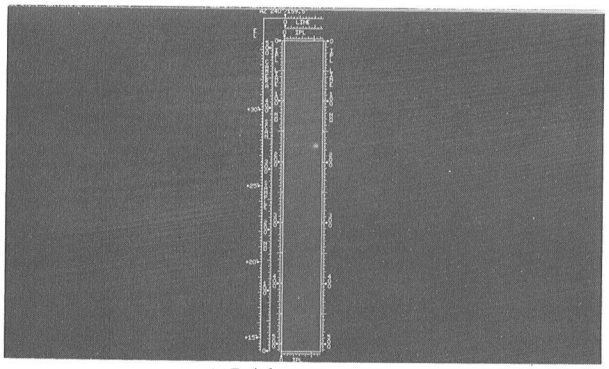
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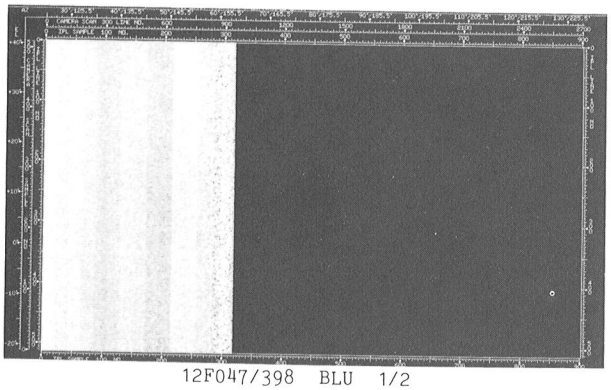
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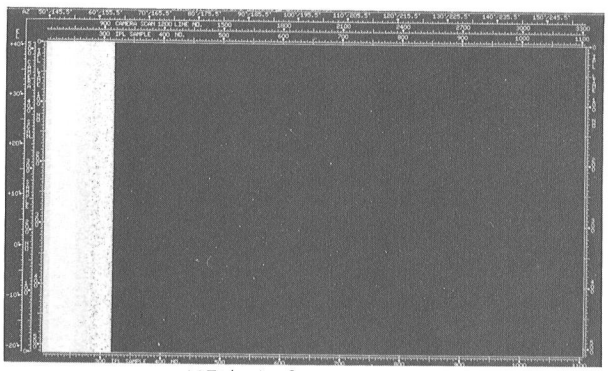
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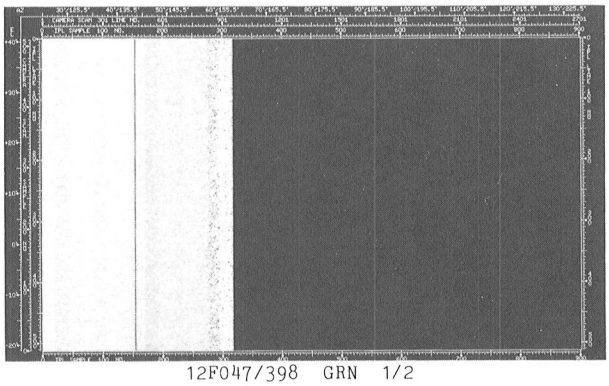
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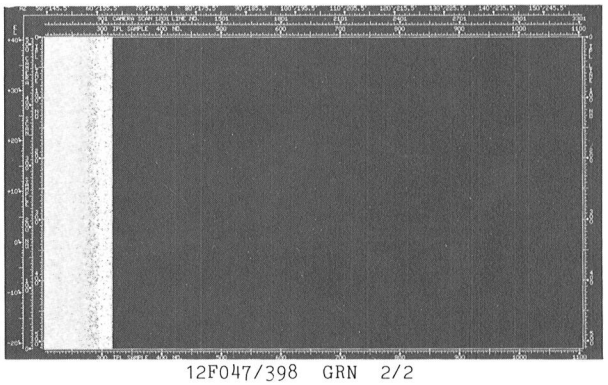
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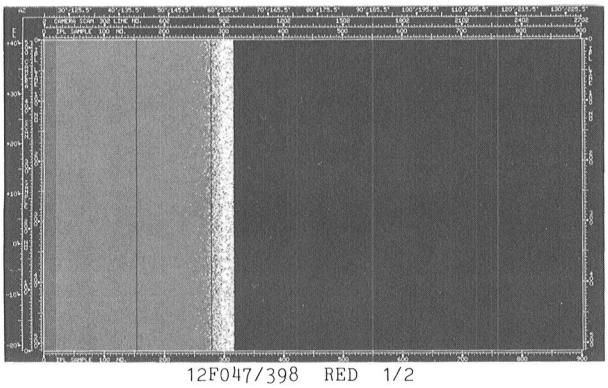
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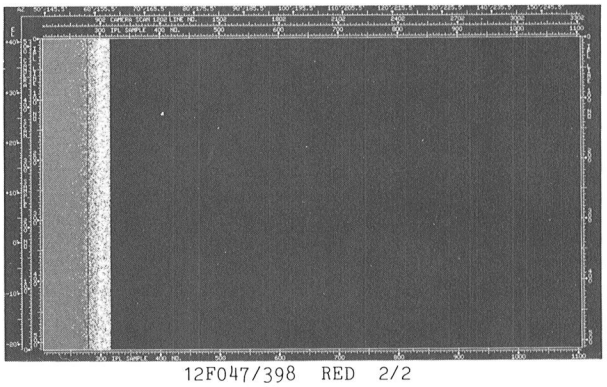
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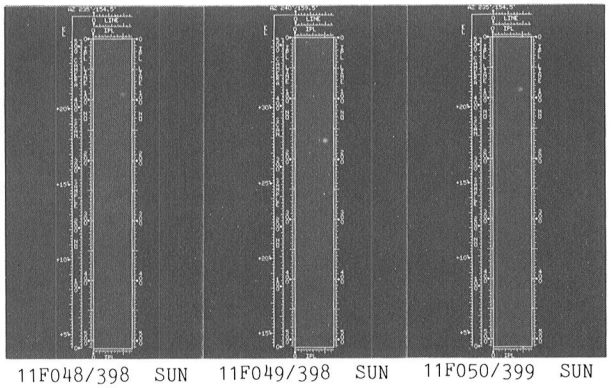
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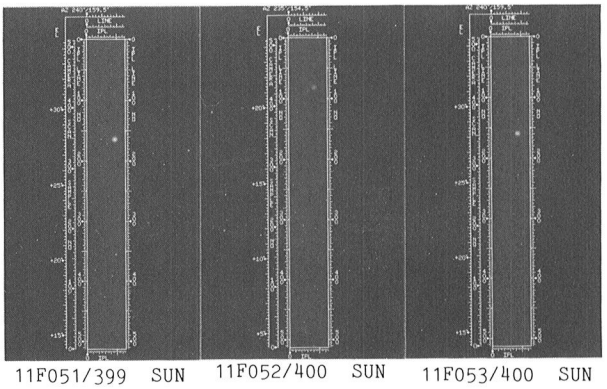
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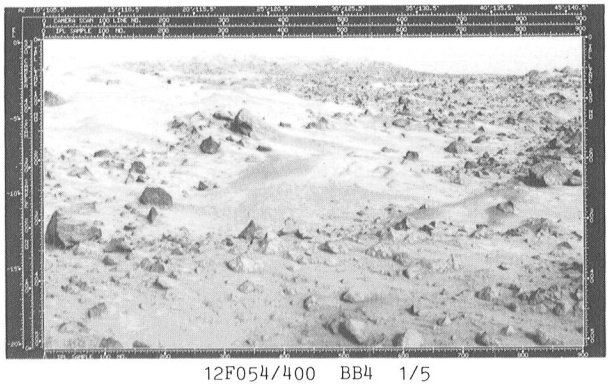
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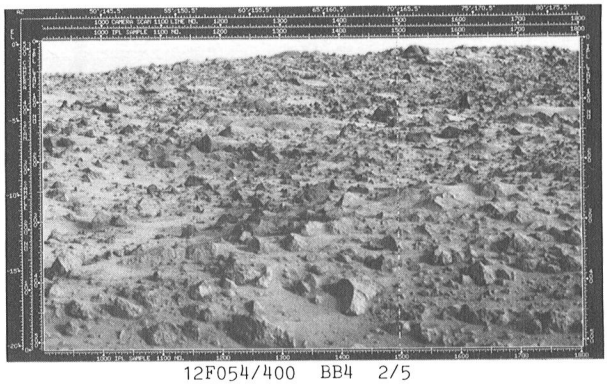
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11F051/399 SUN 11F052/400 SUN 11F053/400 SUN

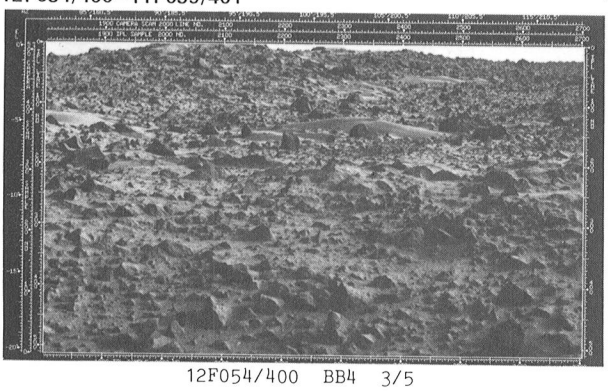


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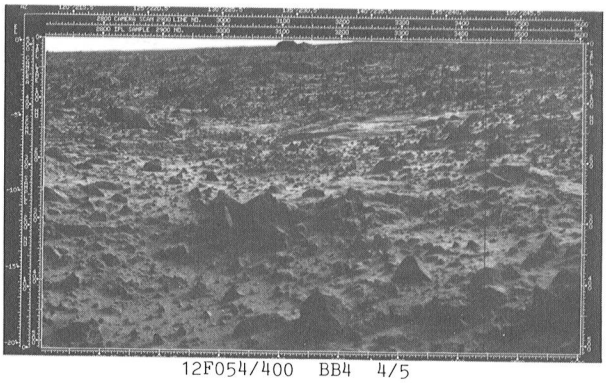


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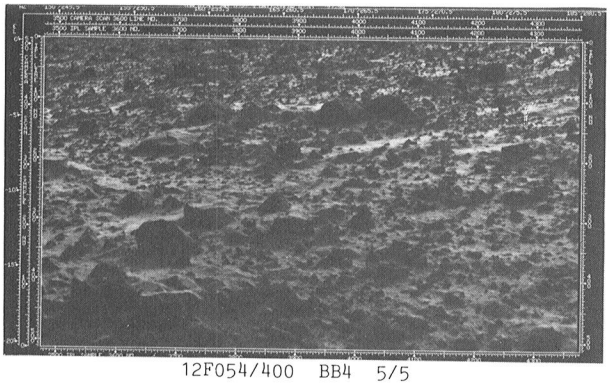
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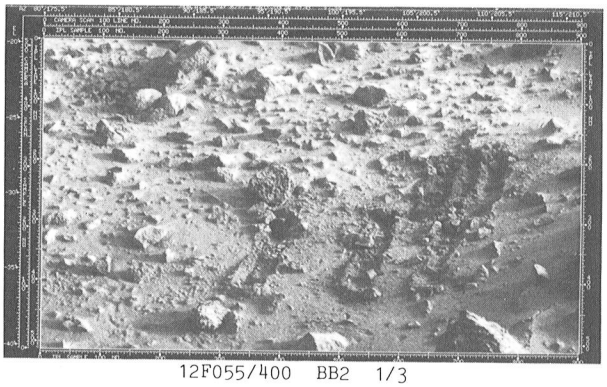
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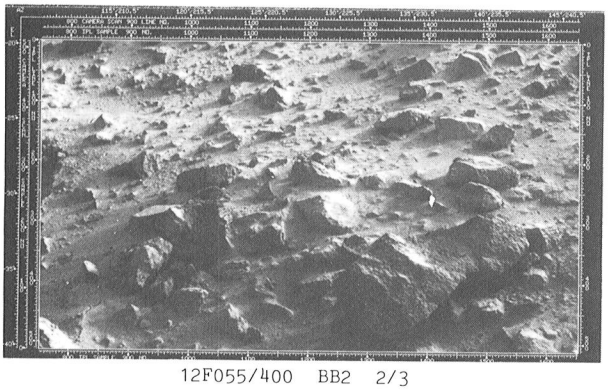
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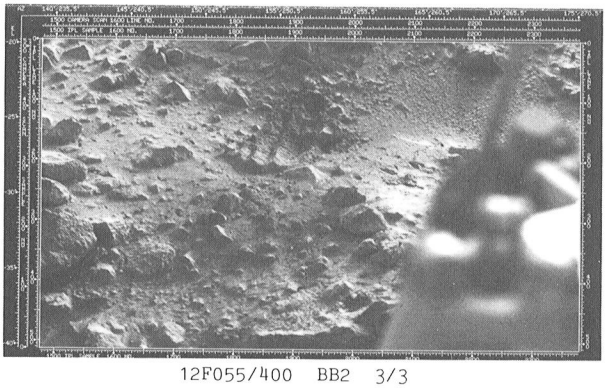
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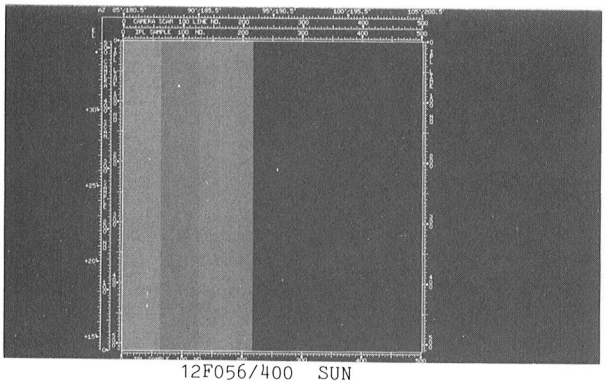
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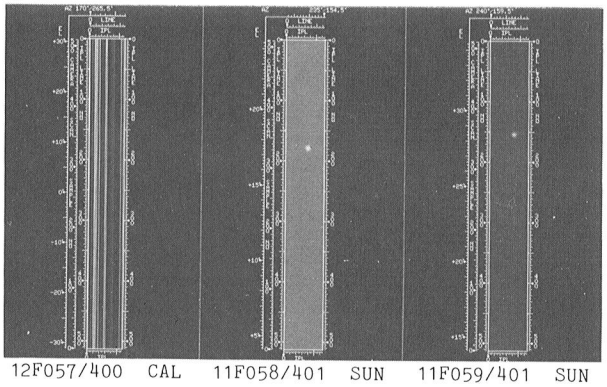
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12F055/400 BB2 3/3



12F056/400 SUN



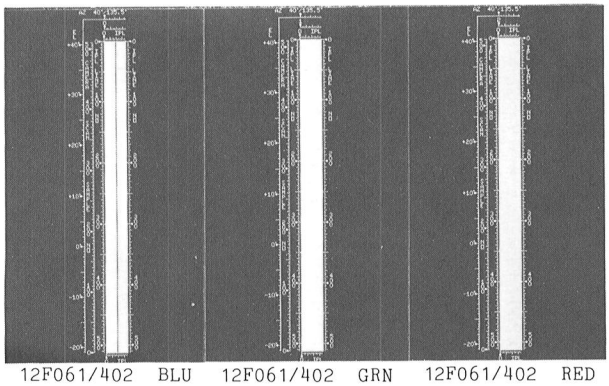
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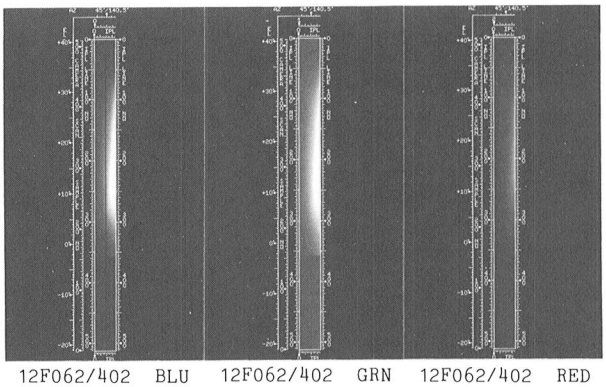
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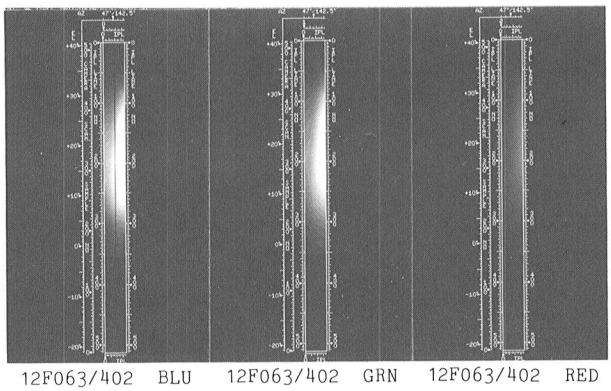
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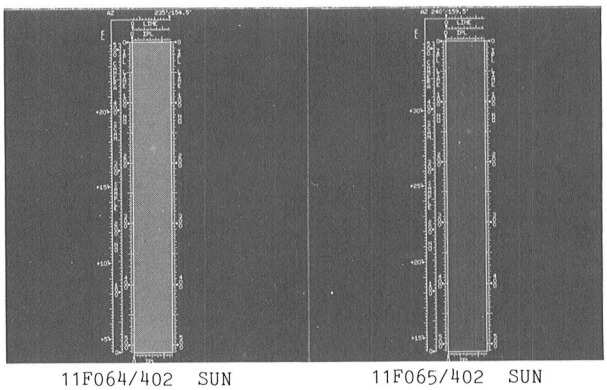
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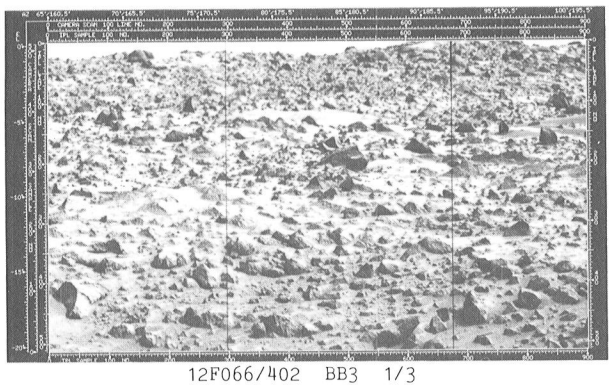
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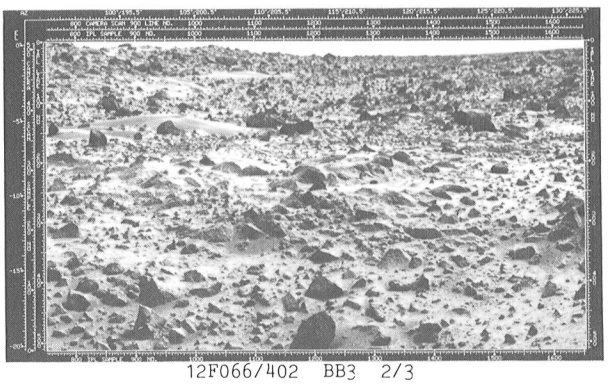
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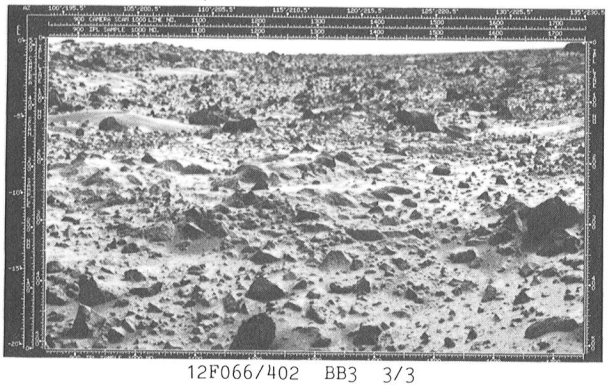


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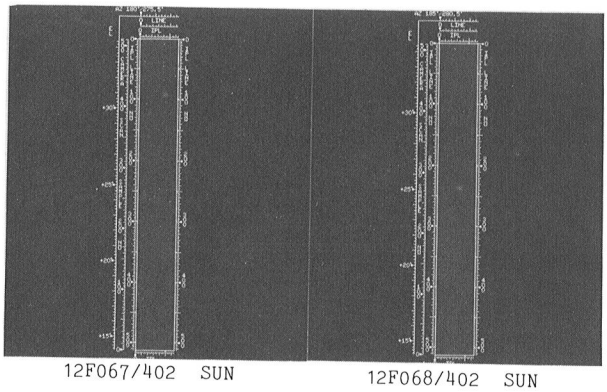


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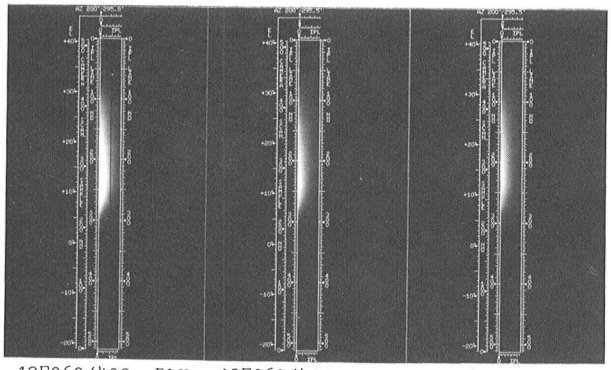
VL-I



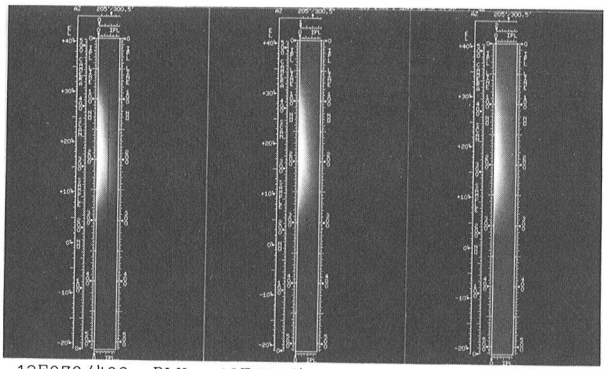
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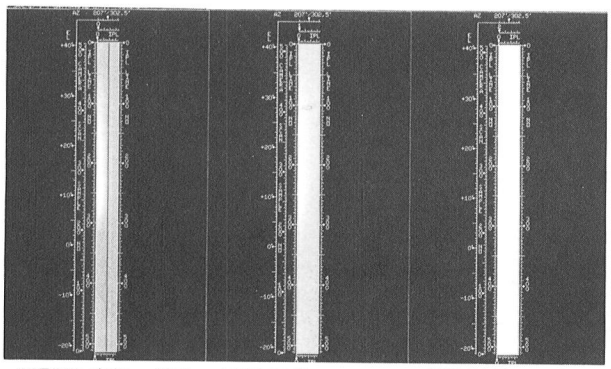
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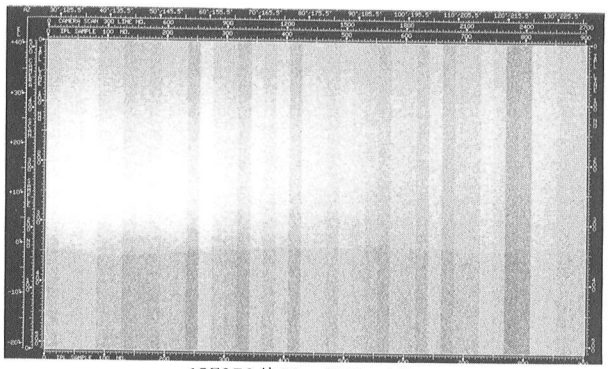
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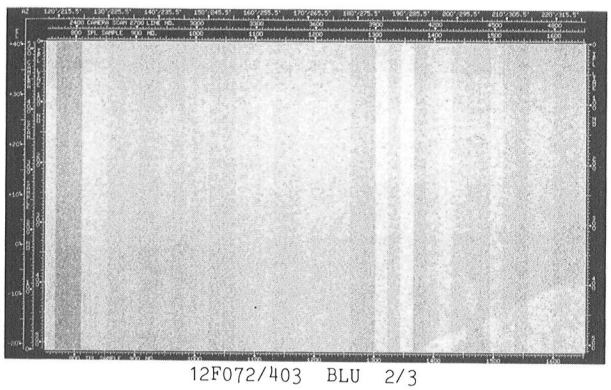
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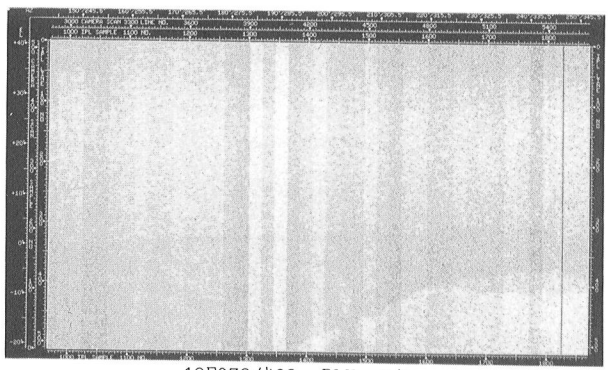
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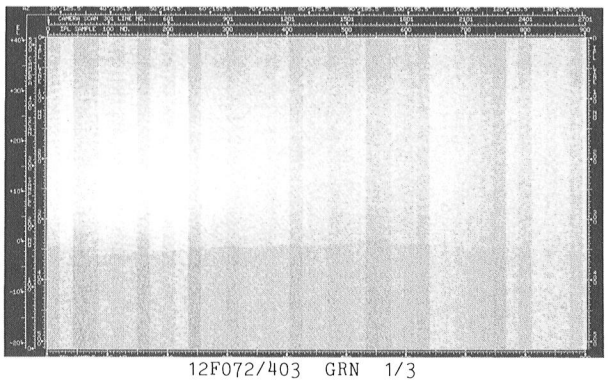
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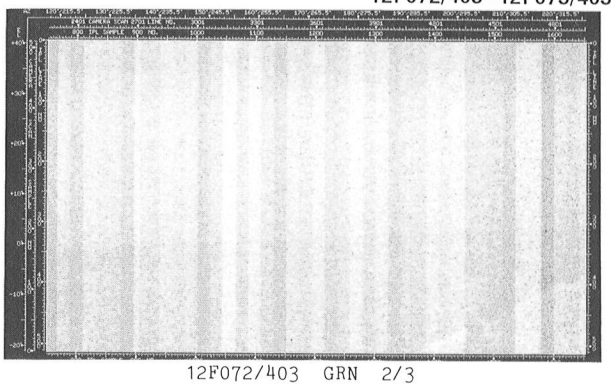
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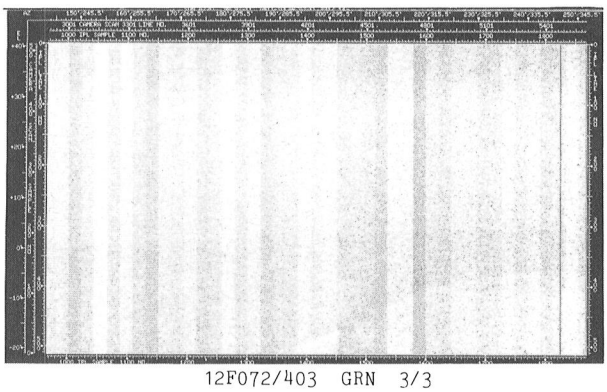
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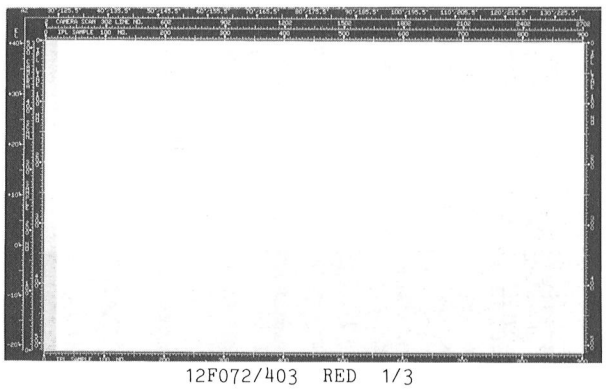
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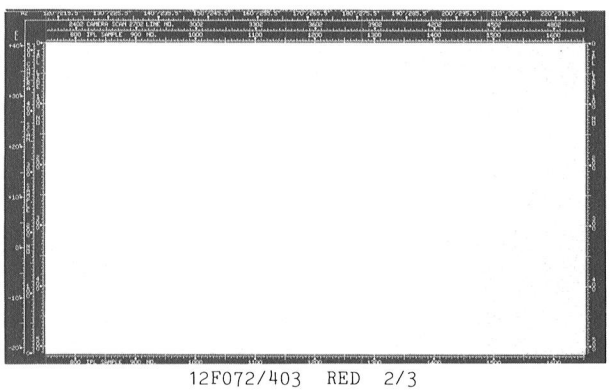
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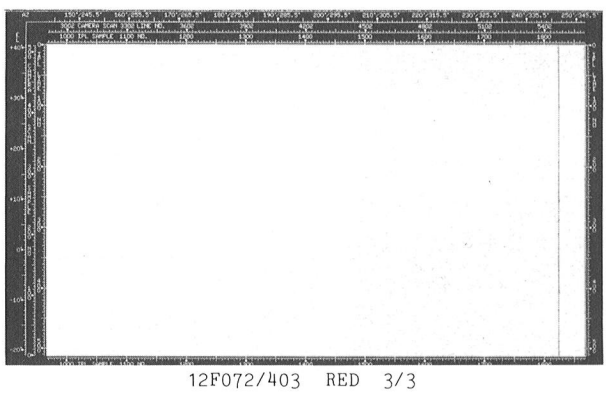
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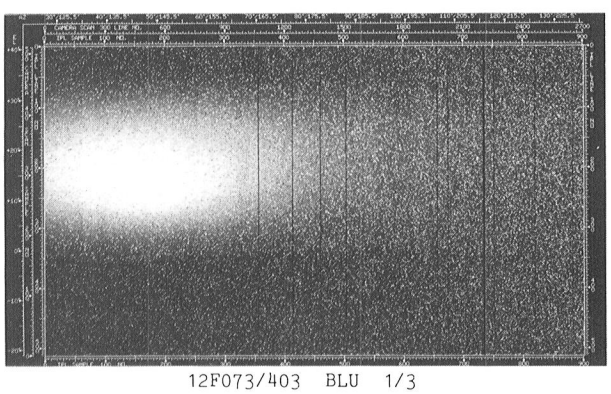
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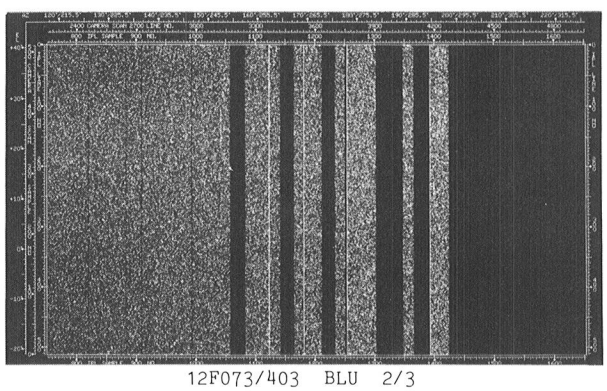
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12F072/403 RED 3/3

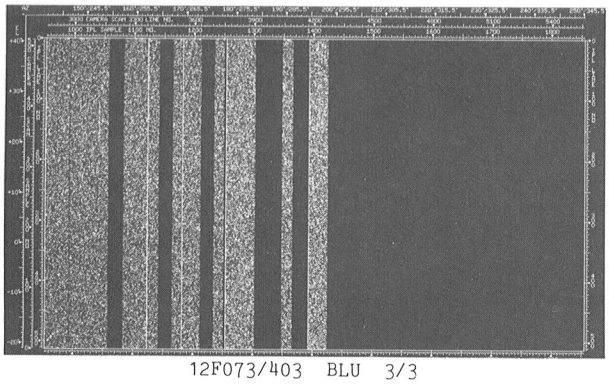


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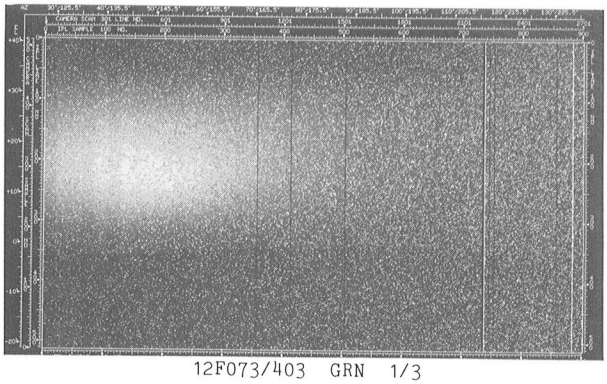


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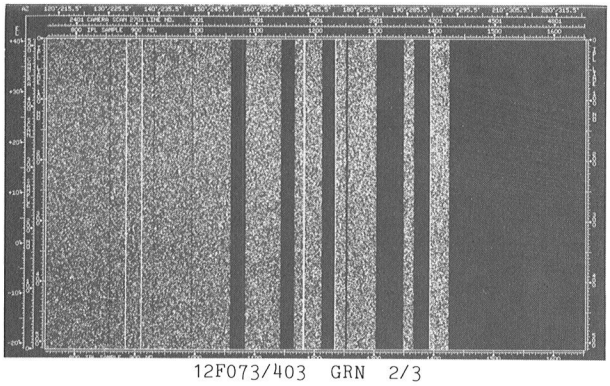
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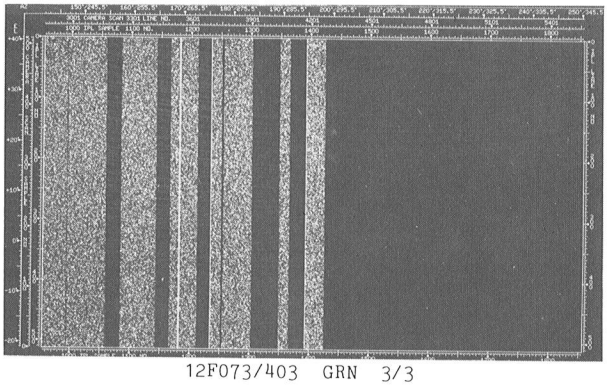
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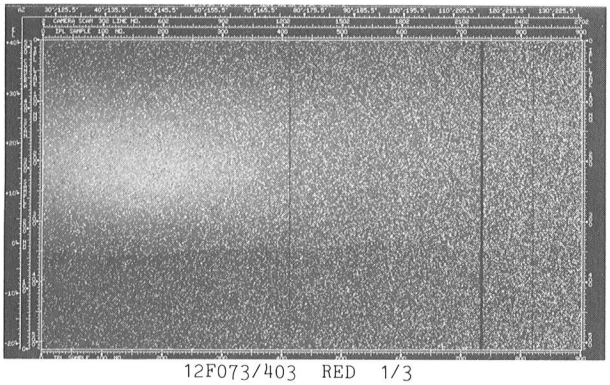
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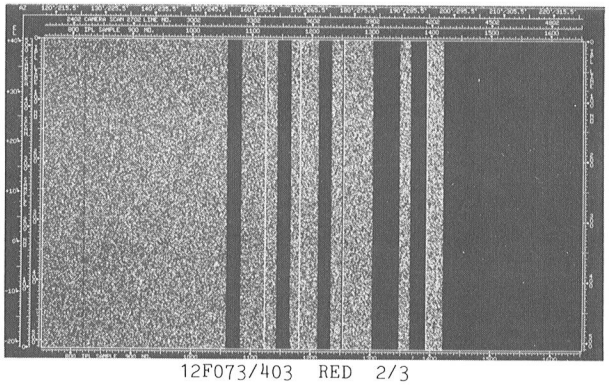
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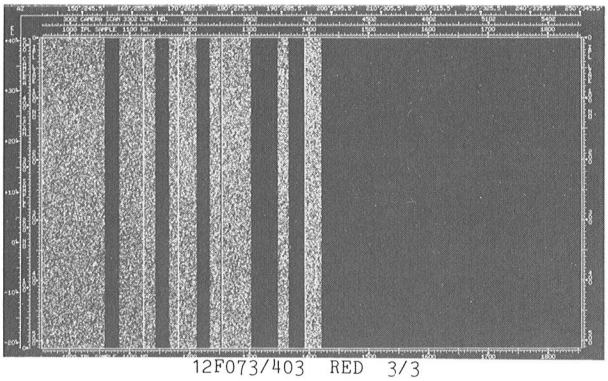
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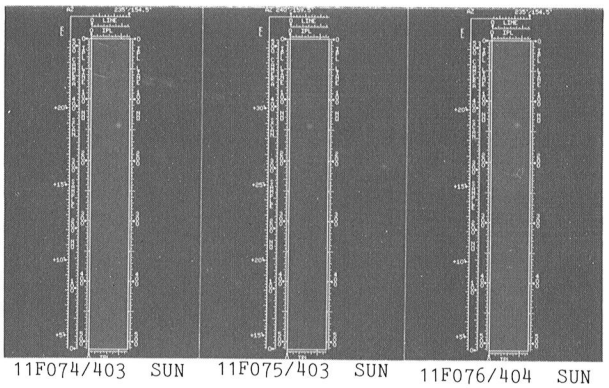
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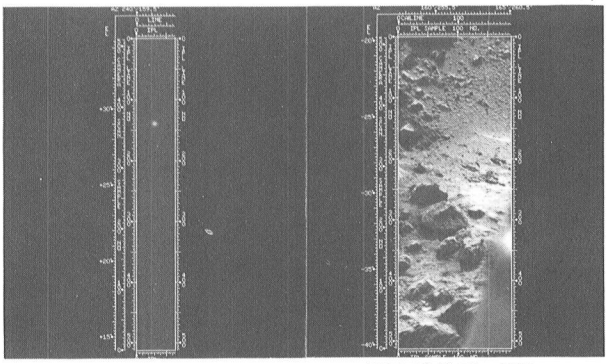
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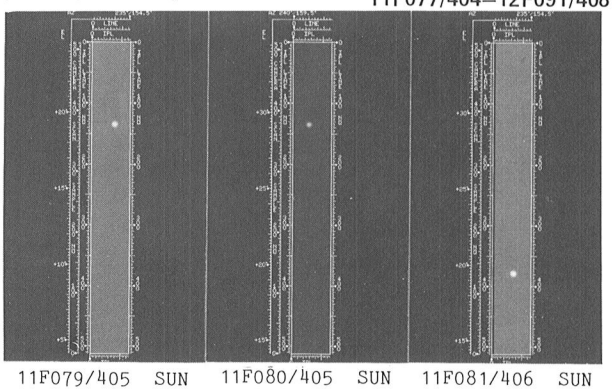
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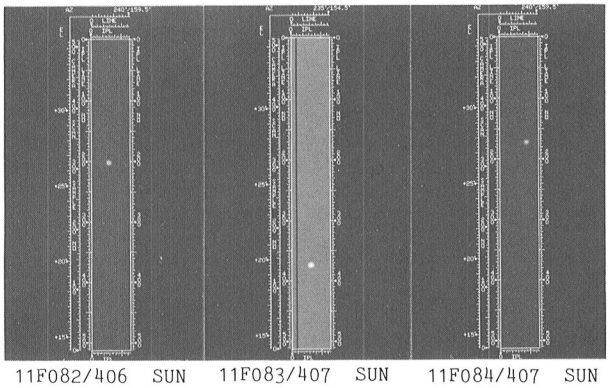
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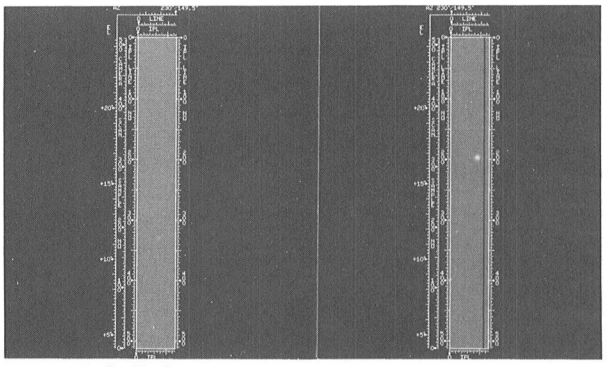
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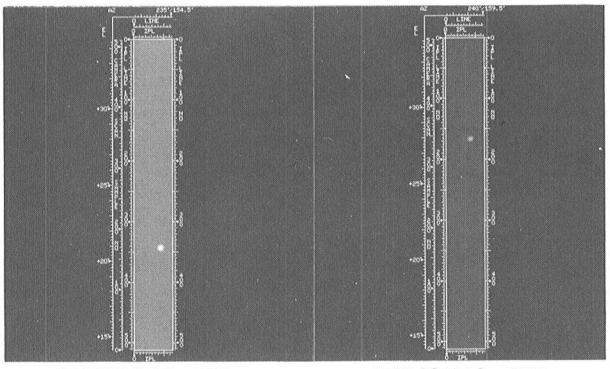
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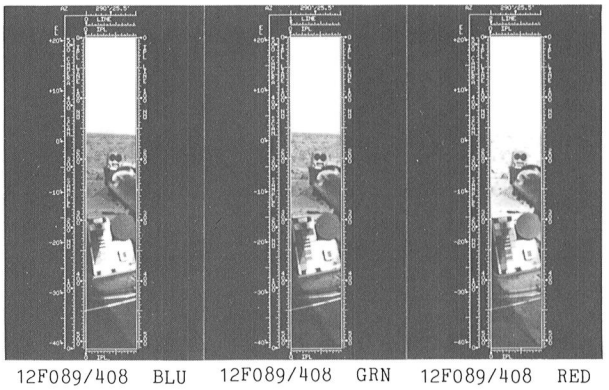
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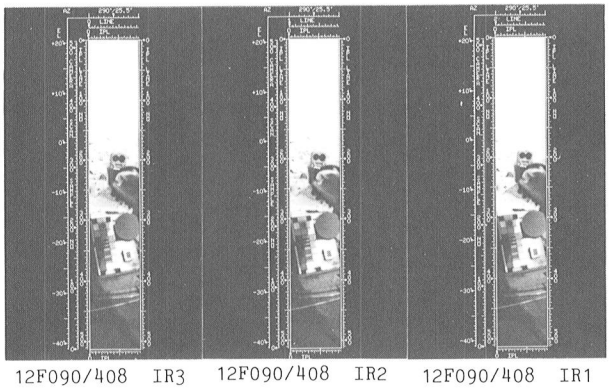
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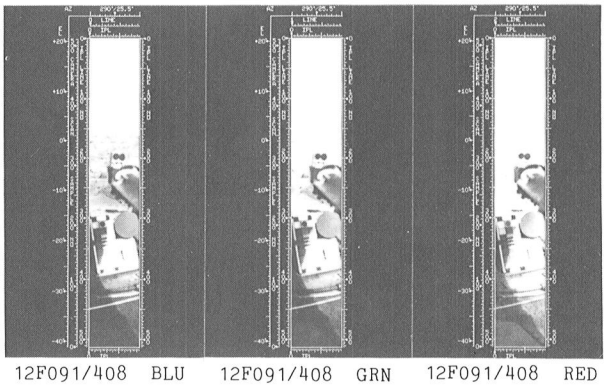
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12F089/408 BLU 12F089/408 GRN 12F089/408 RED

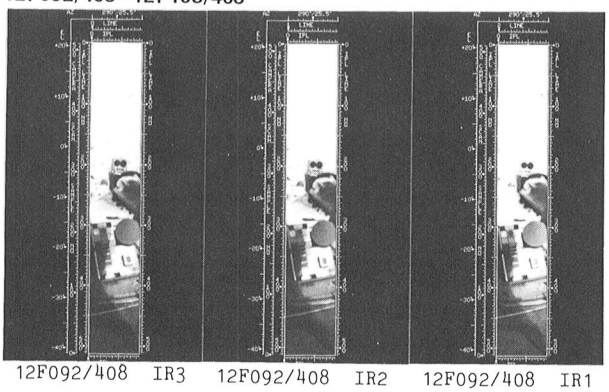


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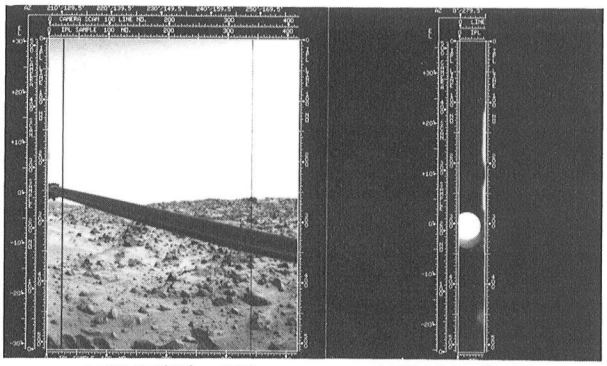


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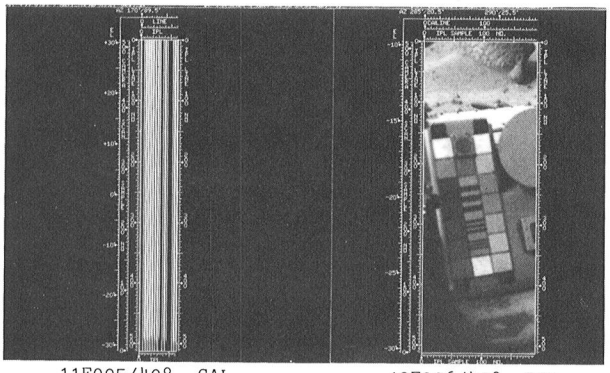
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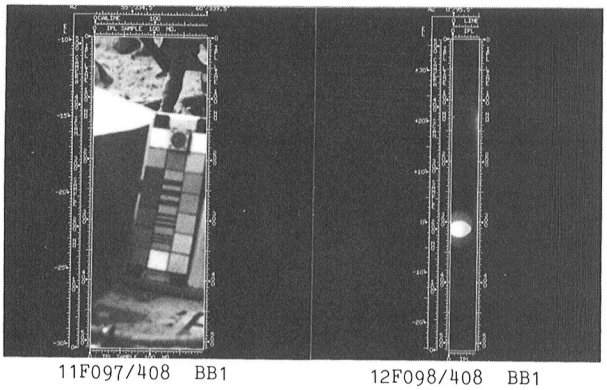
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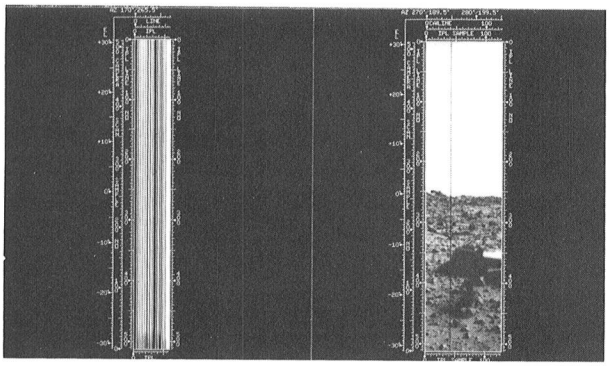
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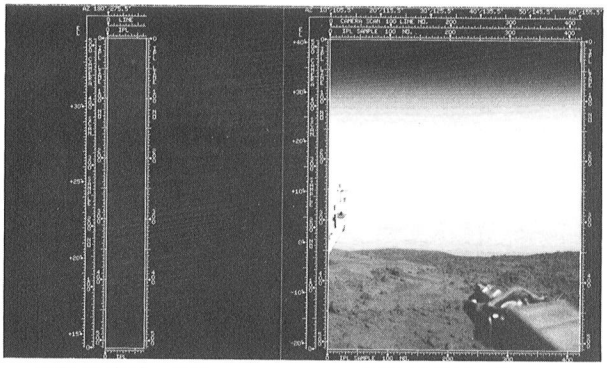
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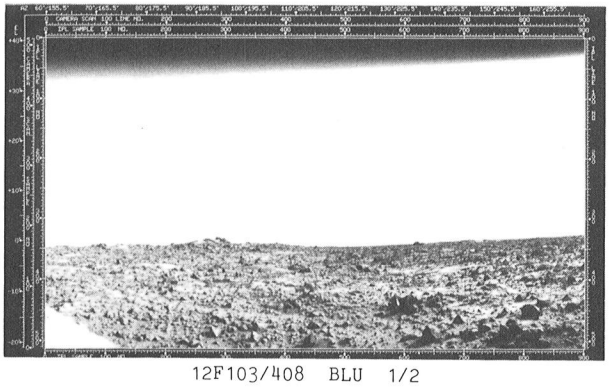
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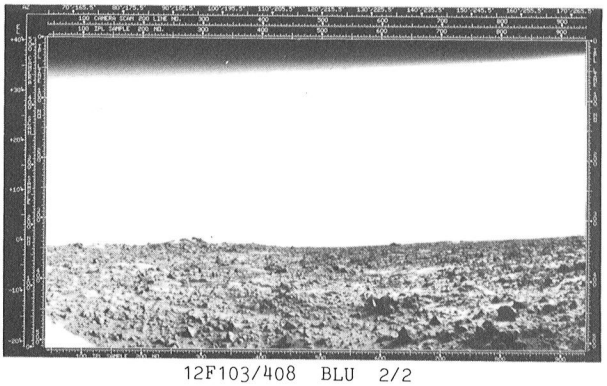
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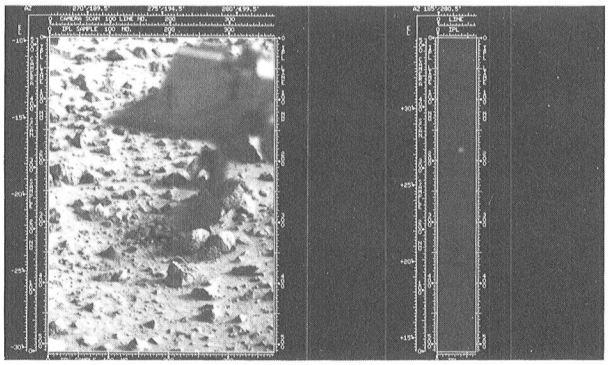
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12F103/408 BLU 1/2

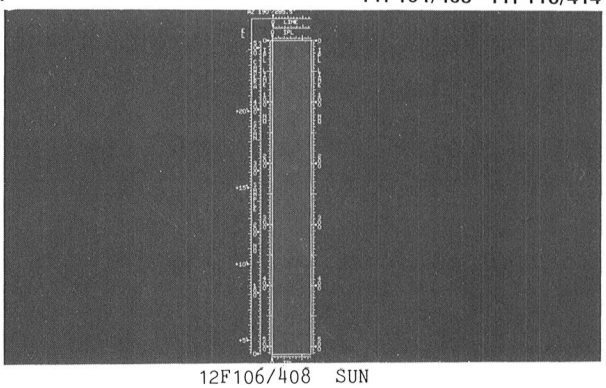


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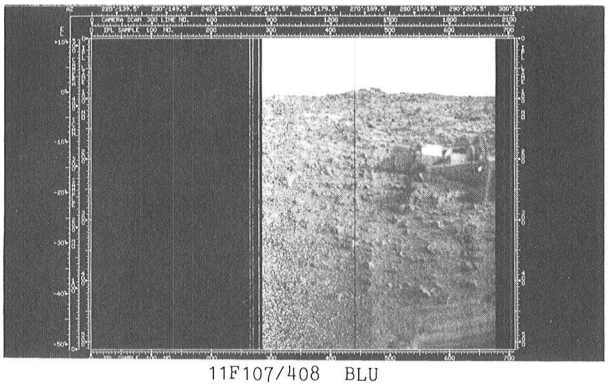


11F104/408 BB2

12F105/408 SUN



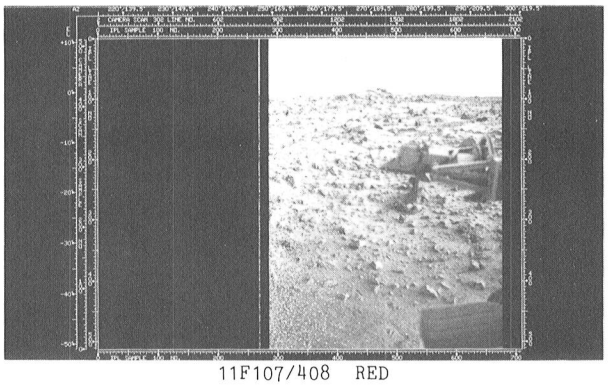
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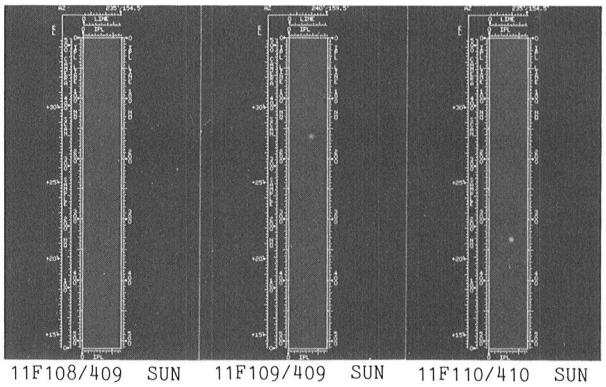
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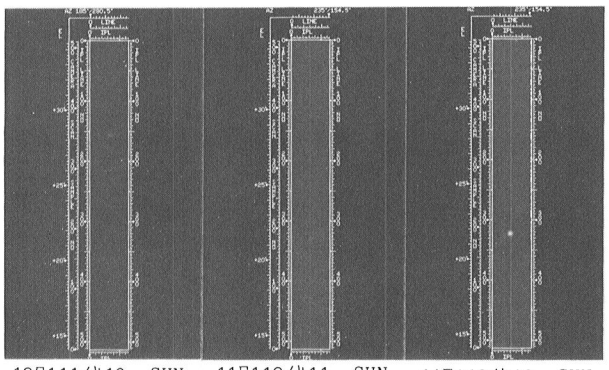
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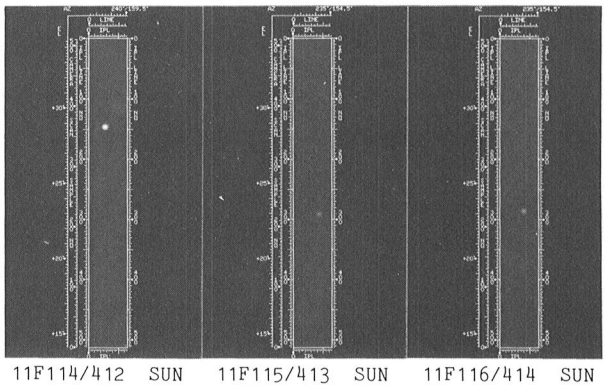
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11F108/409 SUN 11F109/409 SUN 11F110/410 SUN

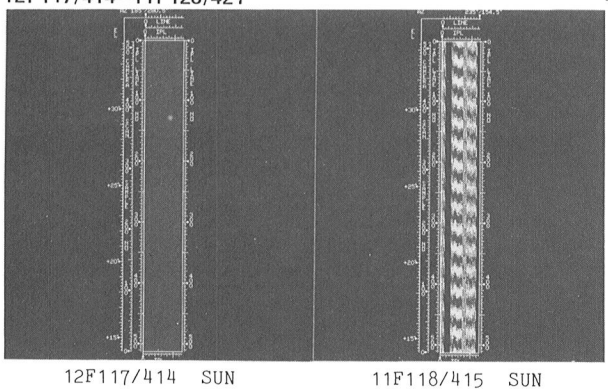


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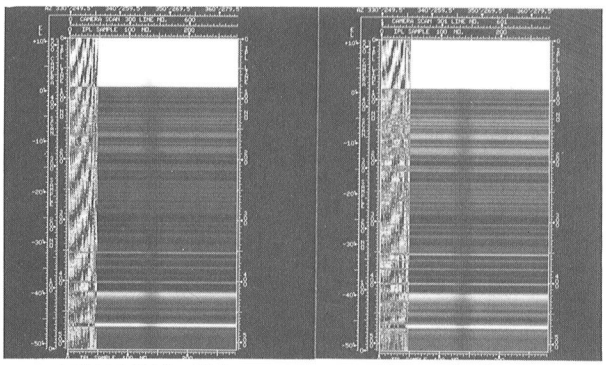


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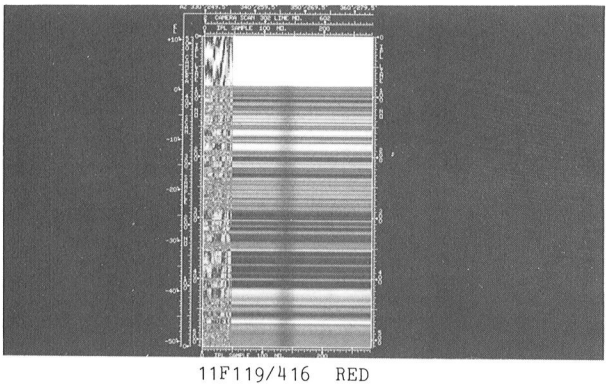
VL-I



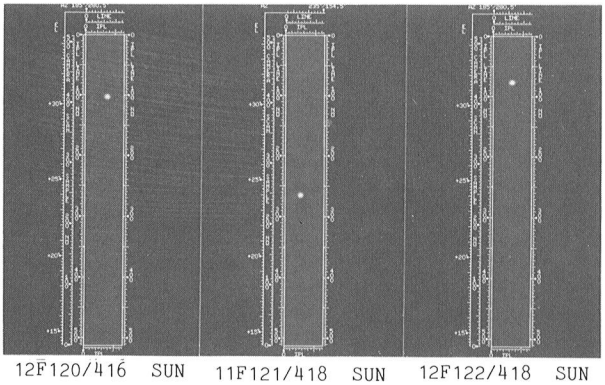
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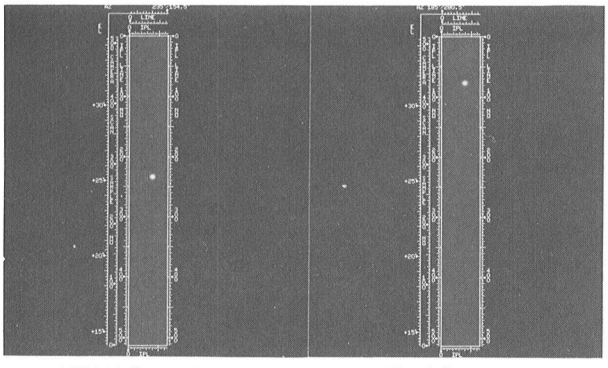
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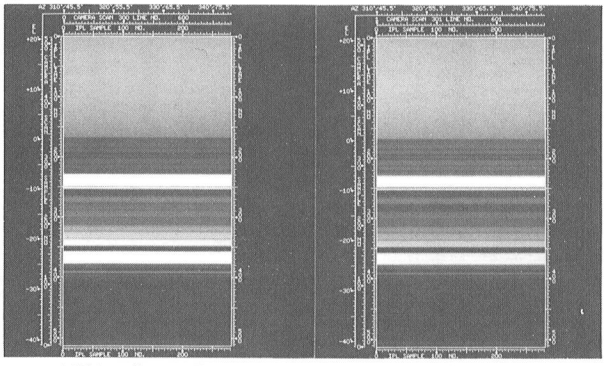
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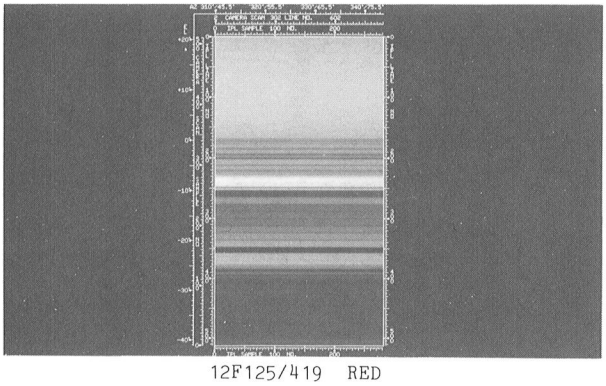
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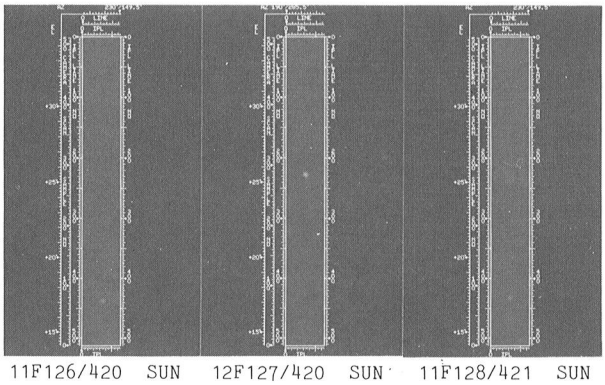
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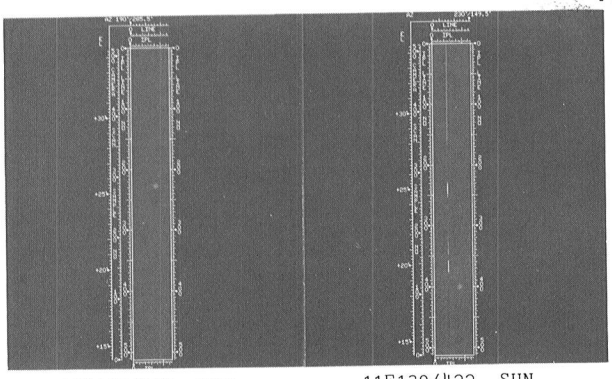
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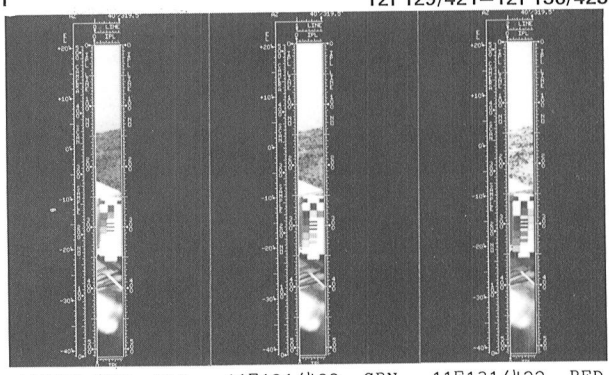
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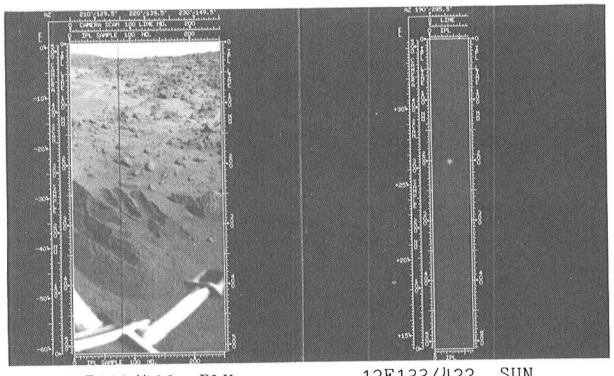
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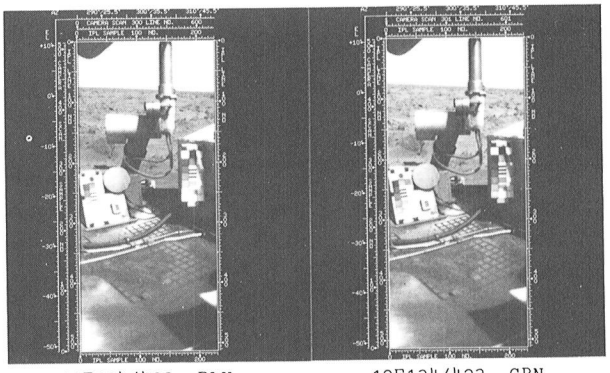
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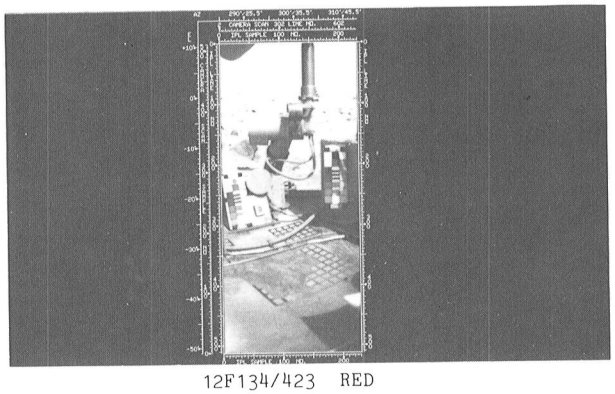
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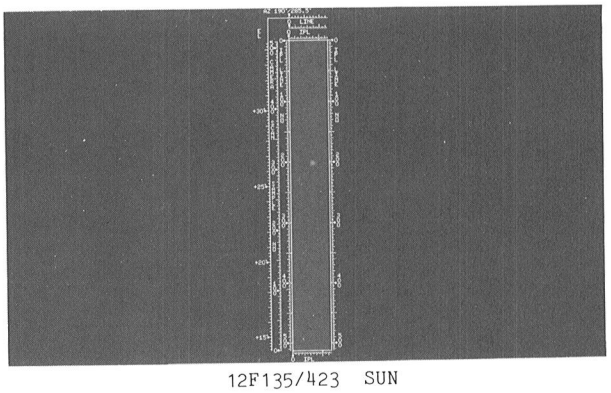
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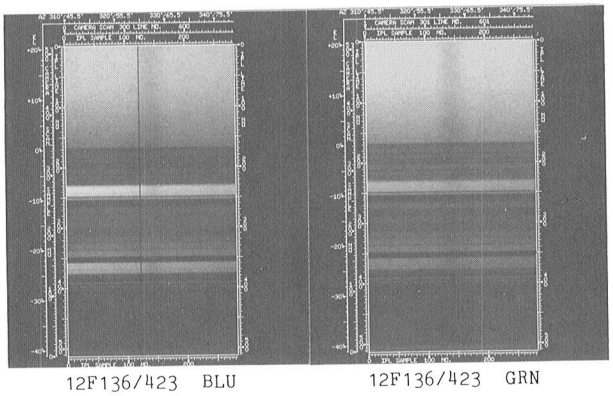
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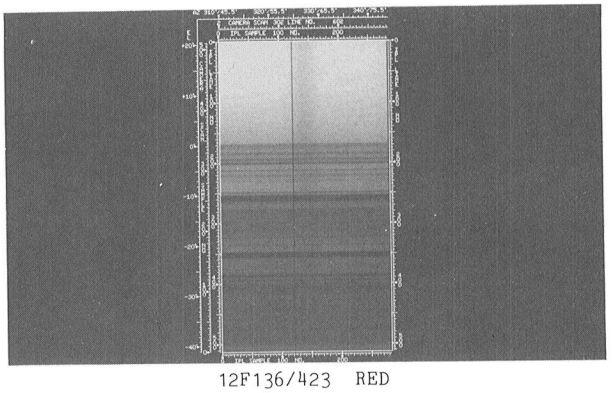
12F134/423 RED



12F135/423 SUN

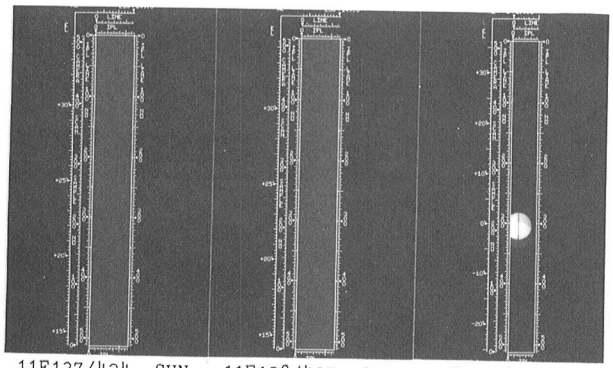


12F136/423 BLU 12F136/423 GRN

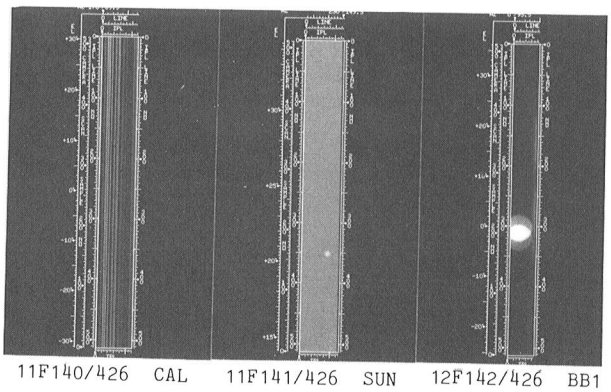


12F136/423 RED

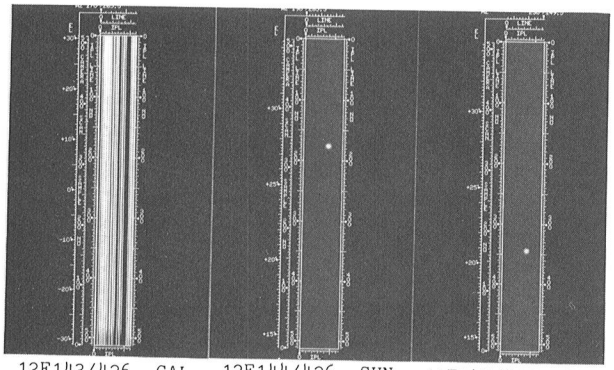
VL-I



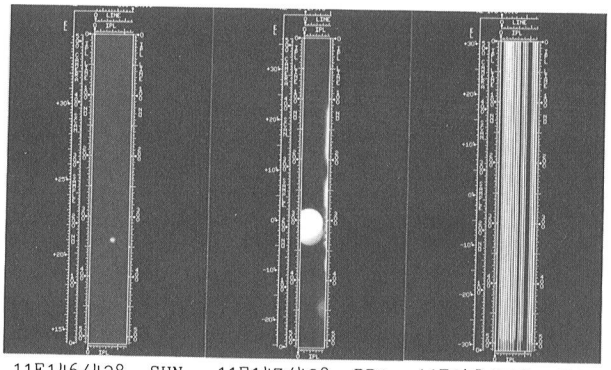
11F137/424 SUN 11F138/425 SUN 11F139/426 BB1



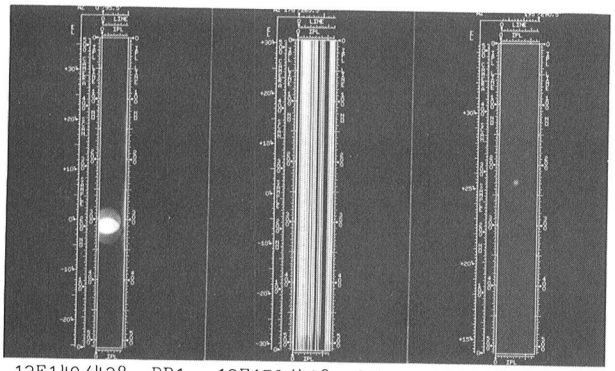
11F140/426 CAL 11F141/426 SUN 12F142/426 BB1



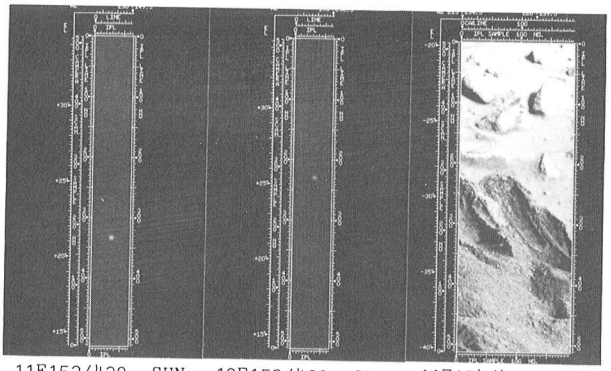
12F143/426 CAL 12F144/426 SUN 11F145/427 SUN



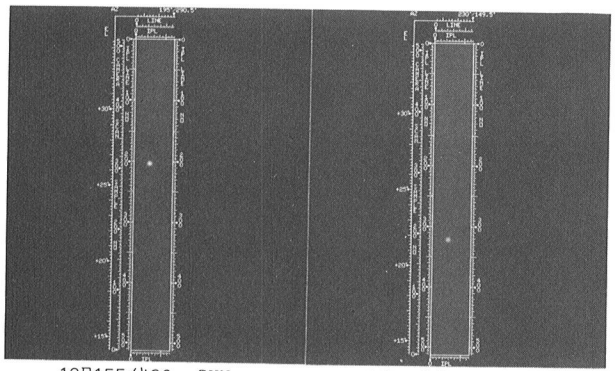
11F146/428 SUN 11F147/428 BB1 11F148/428 CAL



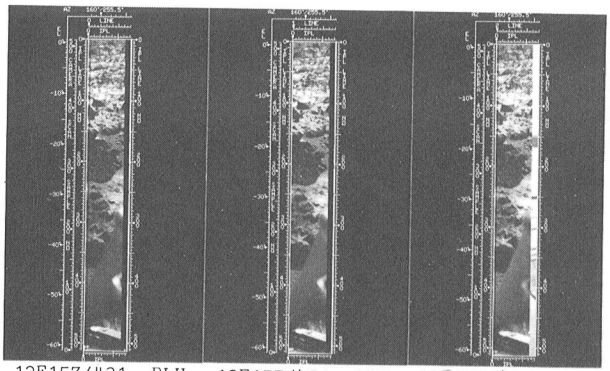
12F149/428 BB1 12F150/428 CAL 12F151/428 SUN



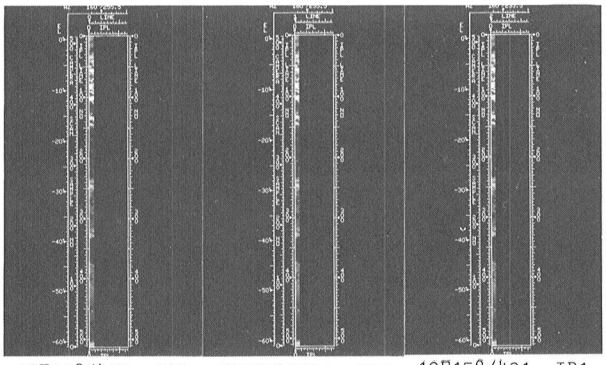
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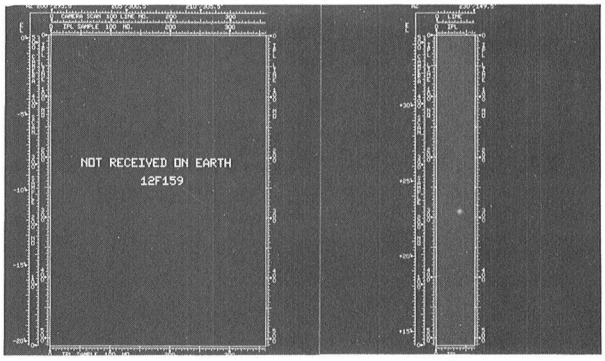
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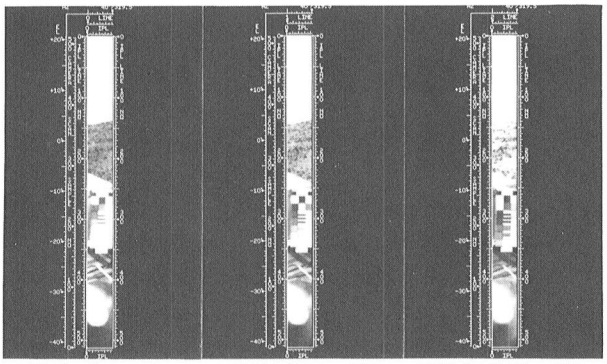
12F157/431 BLU 12F157/431 GRN 12F157/431 RED



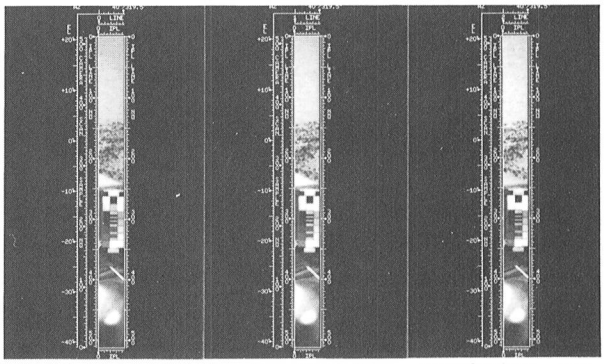
12F158/431 IR3 12F158/431 IR2 12F158/431 IR1



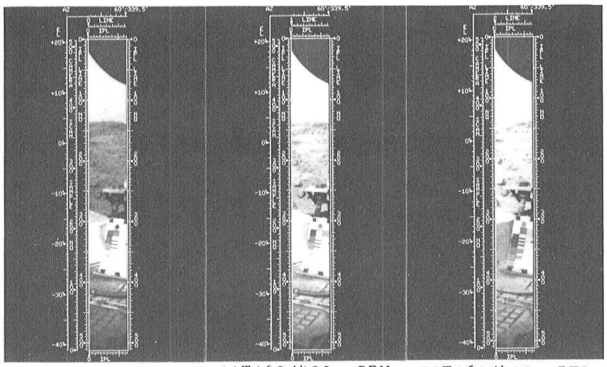
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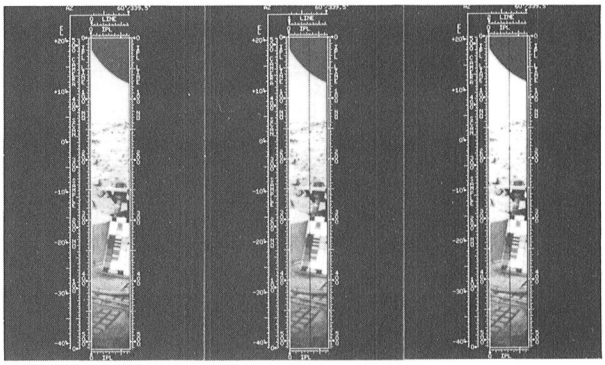
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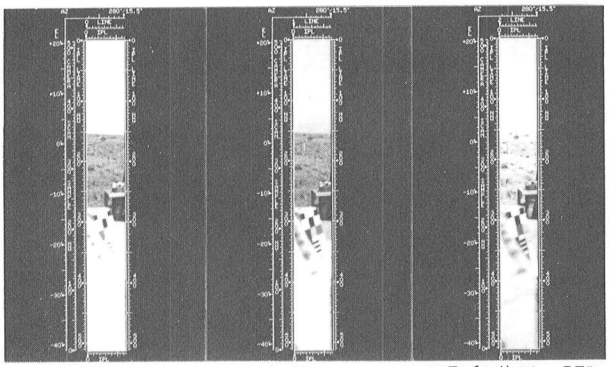
11F162/432 IR3 11F162/432 IR2 11F162/432 IR1



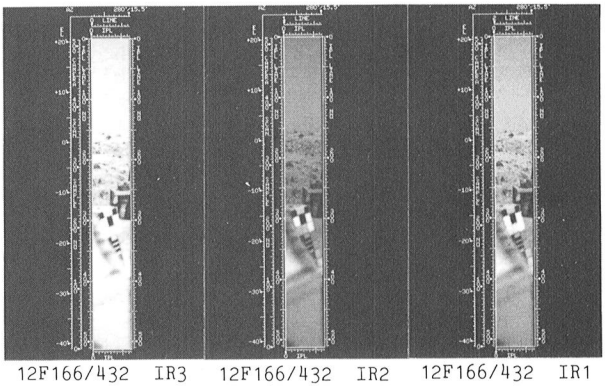
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11F164/432 IR3 11F164/432 IR2 11F164/432 IR1

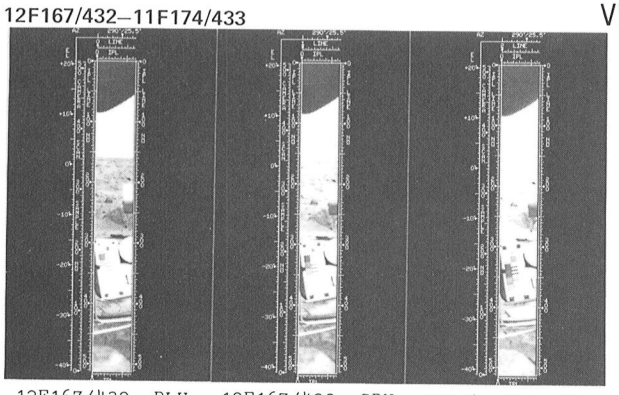


12F165/432 BLU 12F165/432 GRN 12F165/432 RED

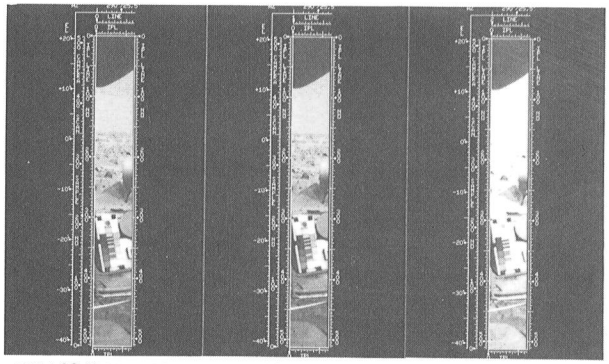


12F166/432 IR3 12F166/432 IR2 12F166/432 IR1

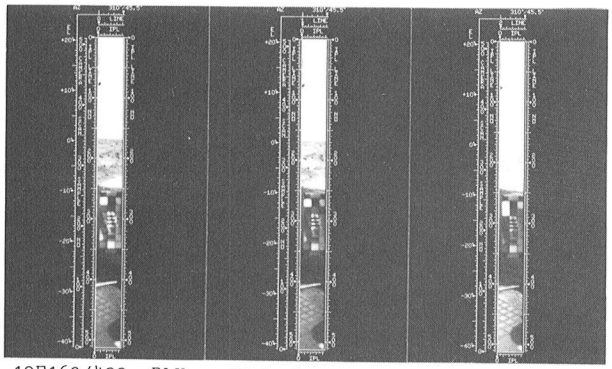
VL-I



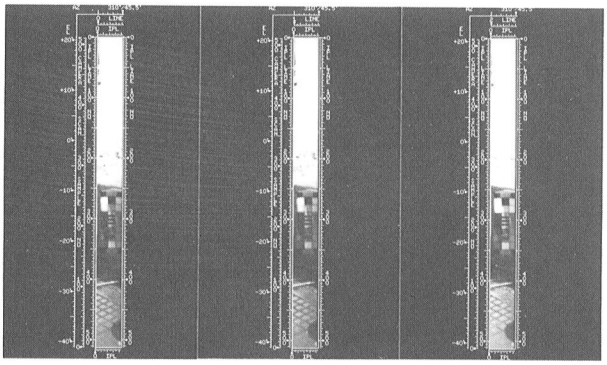
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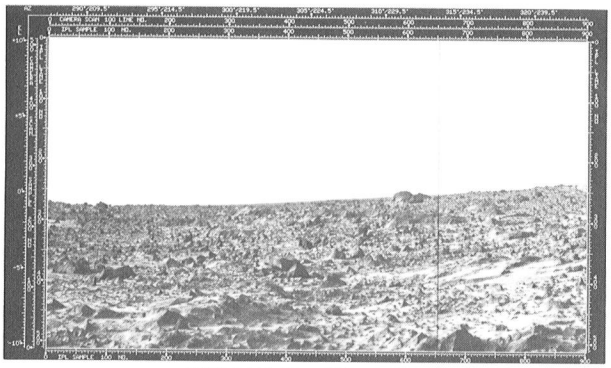
12F168/432 IR3 12F168/432 IR2 12F168/432 IR1



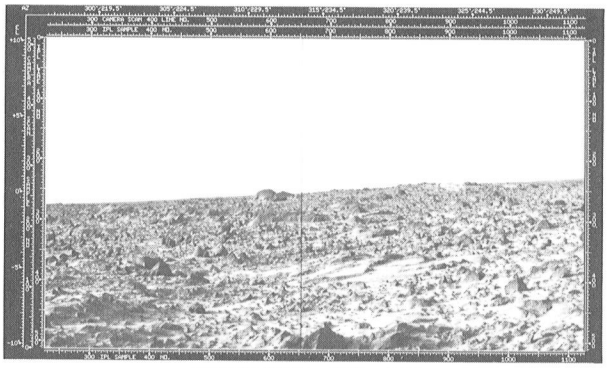
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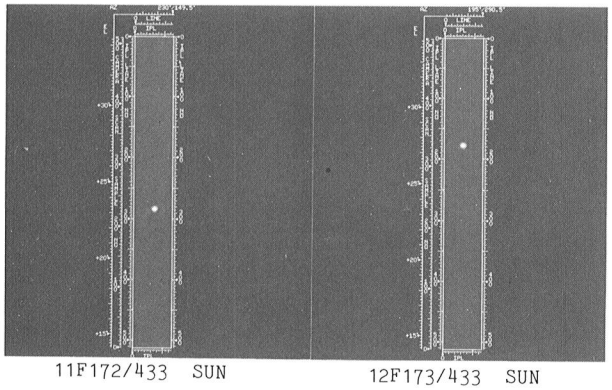
12F170/432 IR3 12F170/432 IR2 12F170/432 IR1



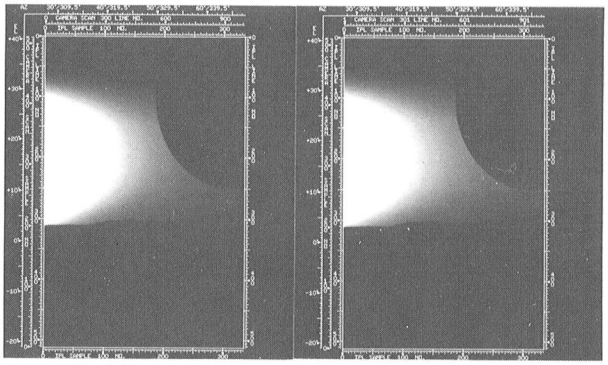
11F171/433 BB4 1/2



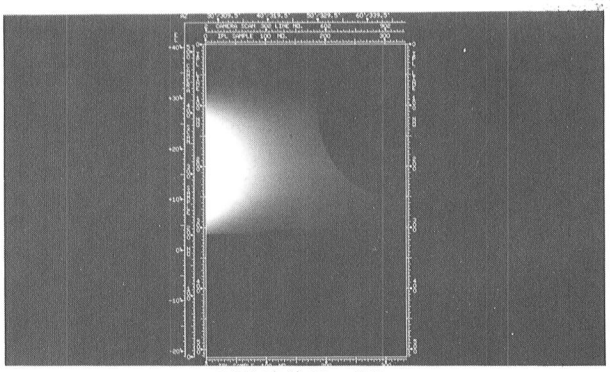
11F171/433 BB4 2/2



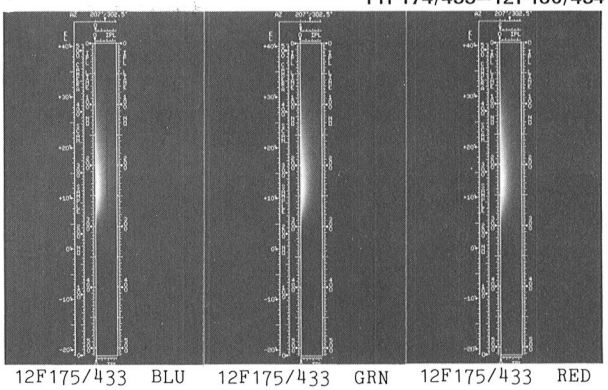
11F172/433 SUN 12F173/433 SUN



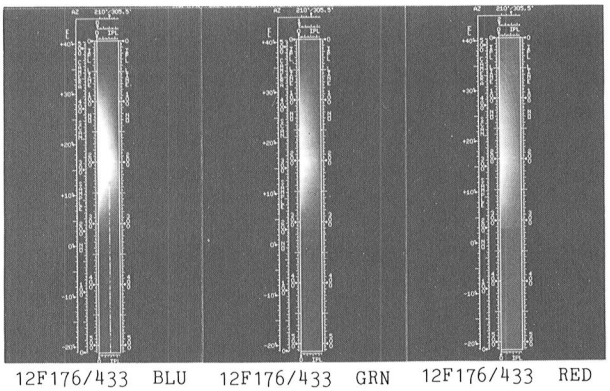
11F174/433 BLU 11F174/433 GRN



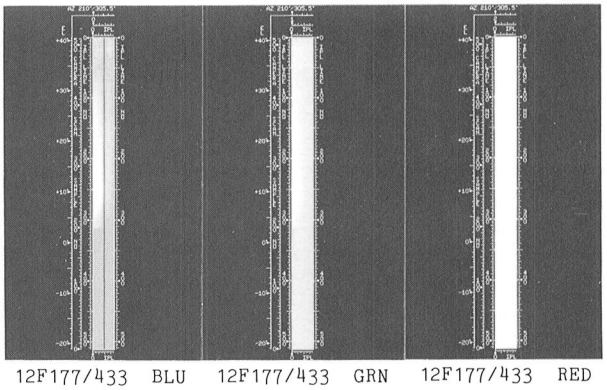
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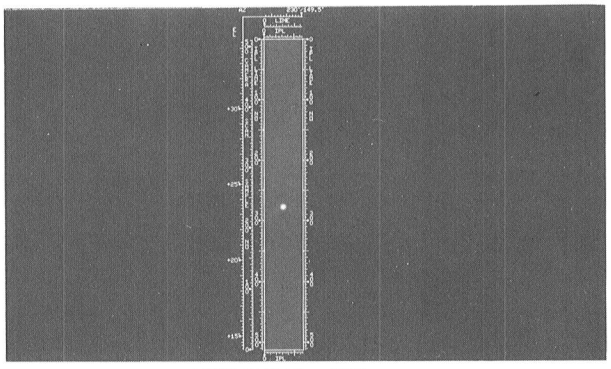
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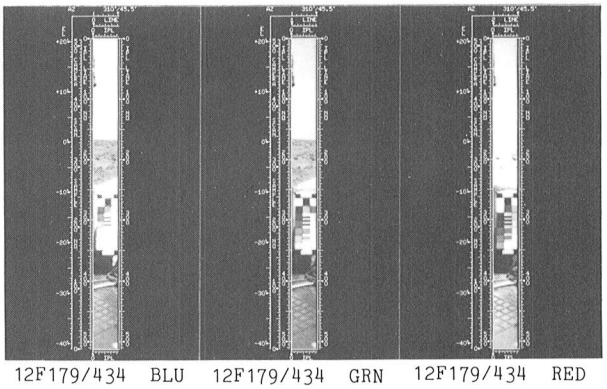
12F176/433 BLU 12F176/433 GRN 12F176/433 RED



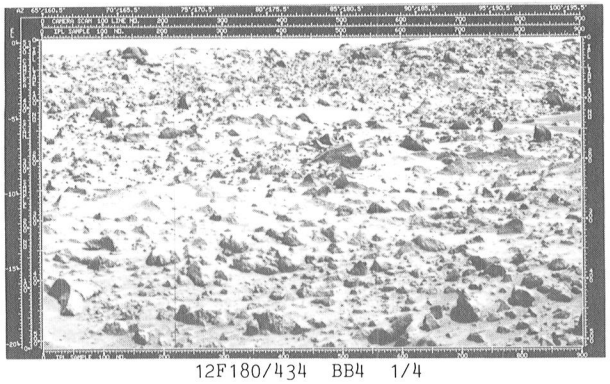
12F177/433 BLU 12F177/433 GRN 12F177/433 RED



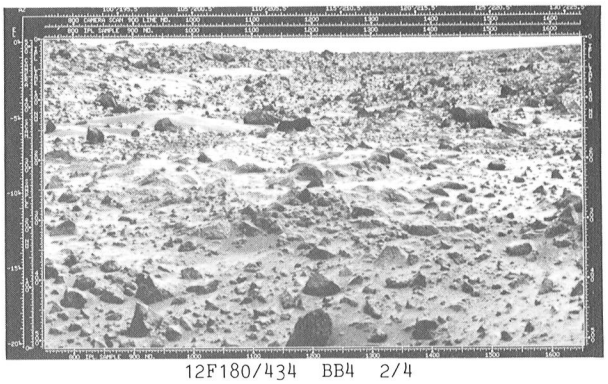
11F178/434 SUN



12F179/434 BLU 12F179/434 GRN 12F179/434 RED

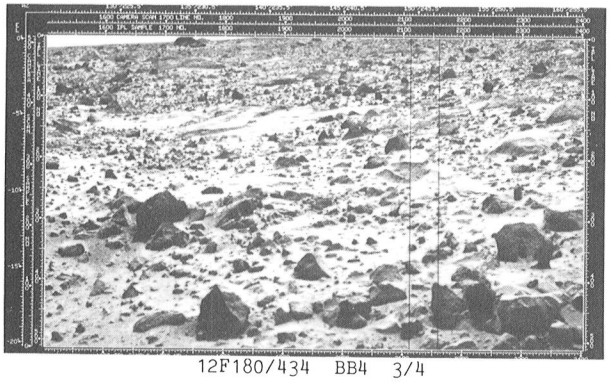


12F180/434 BB4 1/4

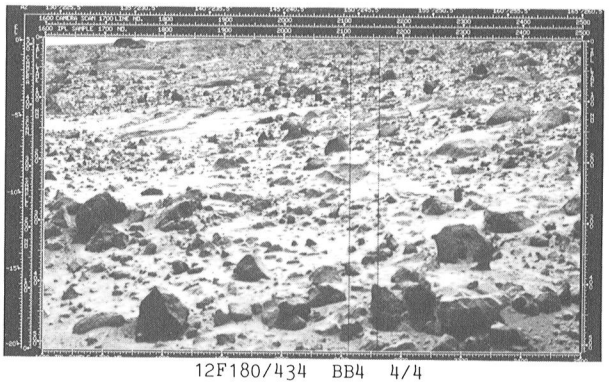


12F180/434 BB4 2/4

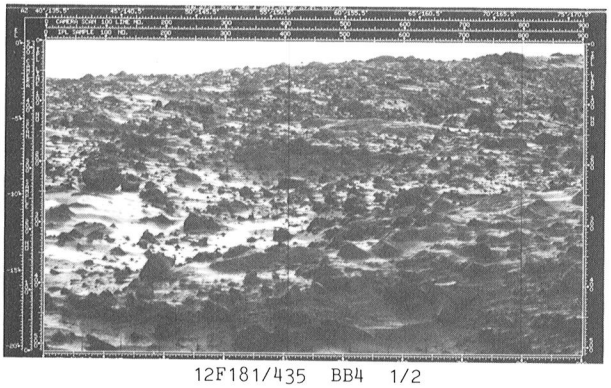
VL-I



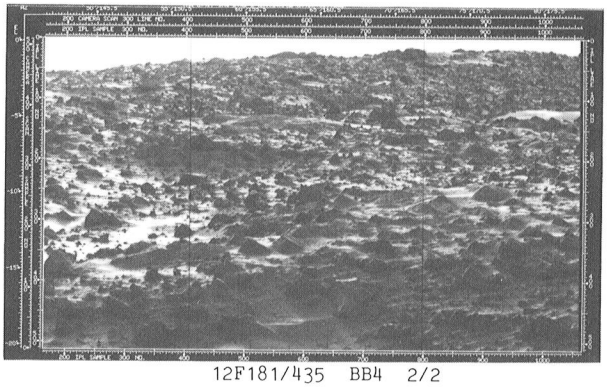
12F180/434 BB4 3/4



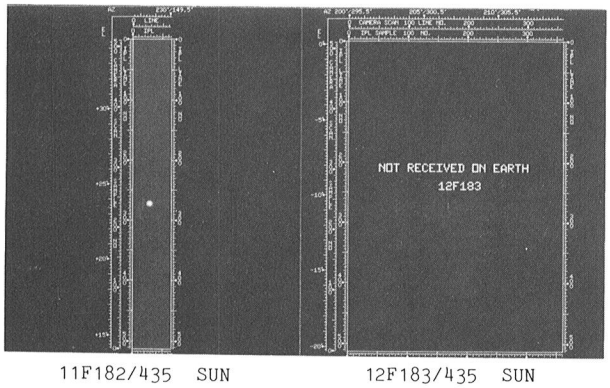
12F180/434 BB4 4/4



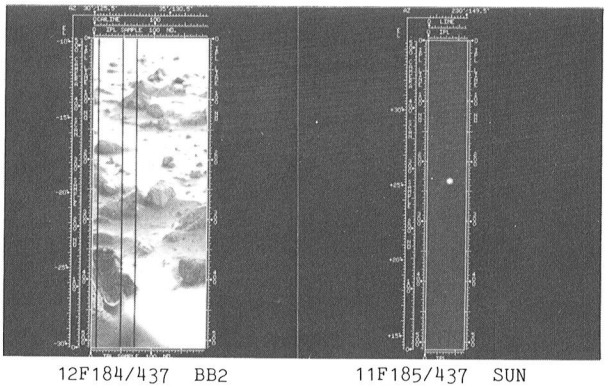
12F181/435 BB4 1/2



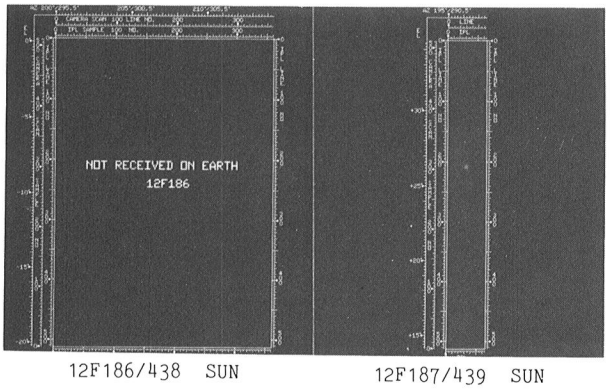
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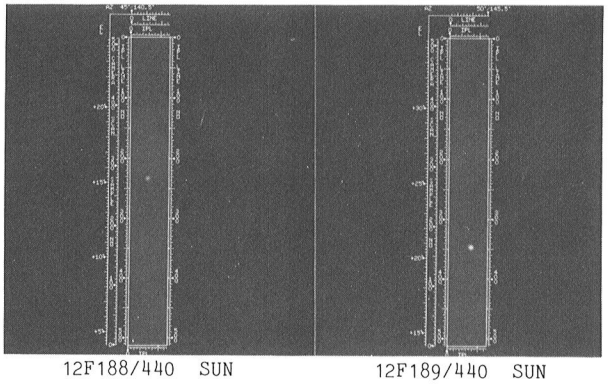
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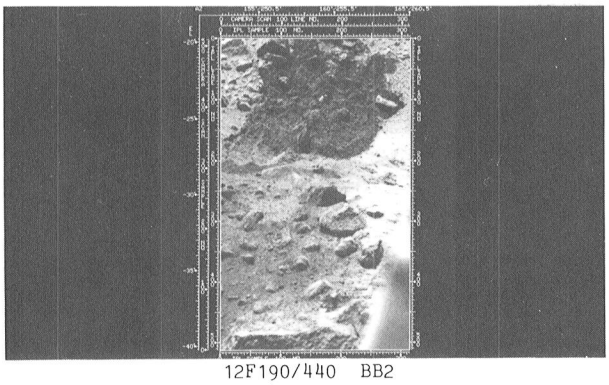
12F184/437 BB2 11F185/437 SUN



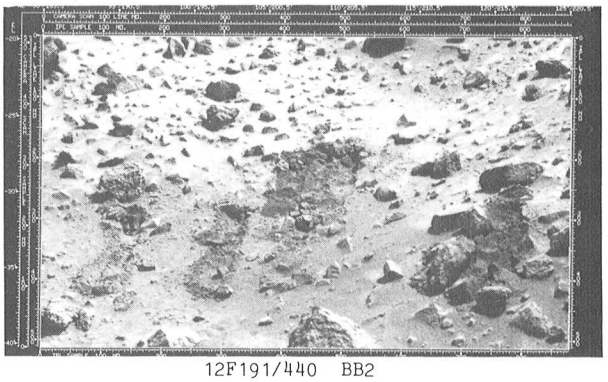
12F186/438 SUN 12F187/439 SUN



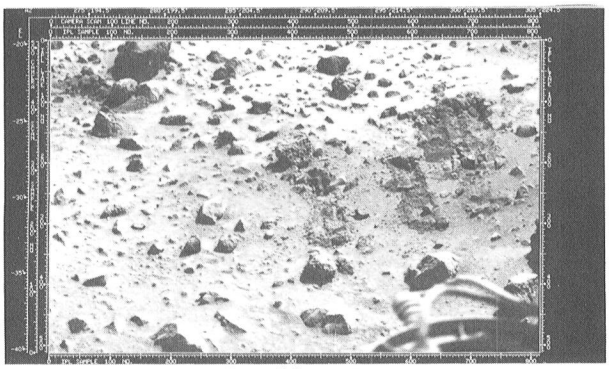
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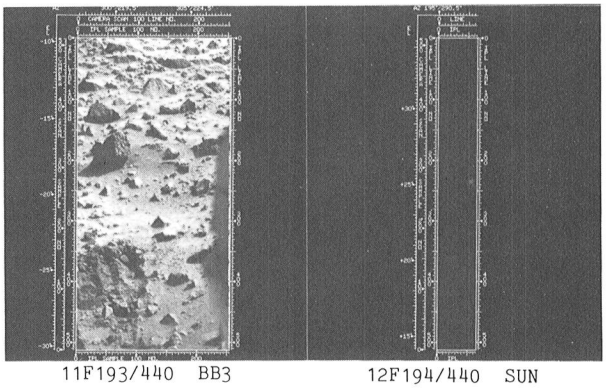
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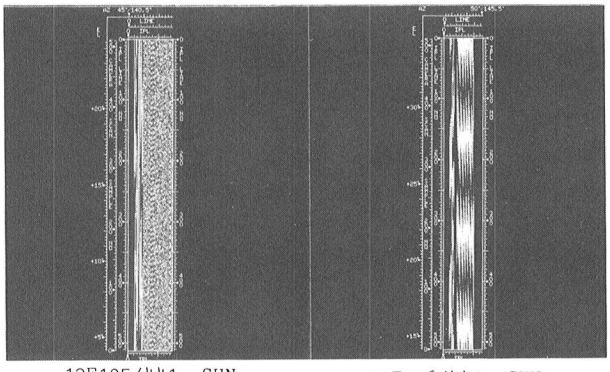
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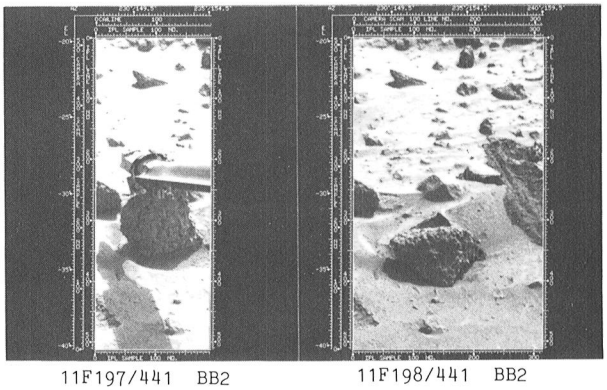
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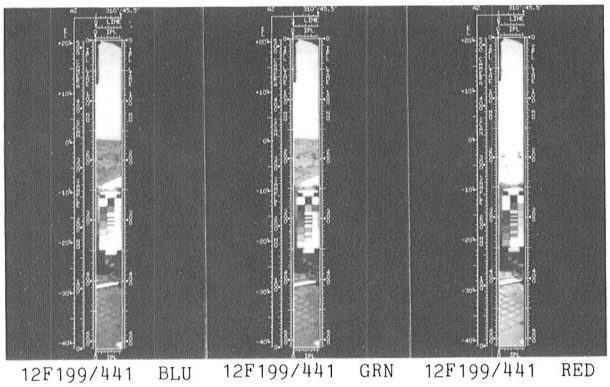
11F193/440 BB3 12F194/440 SUN



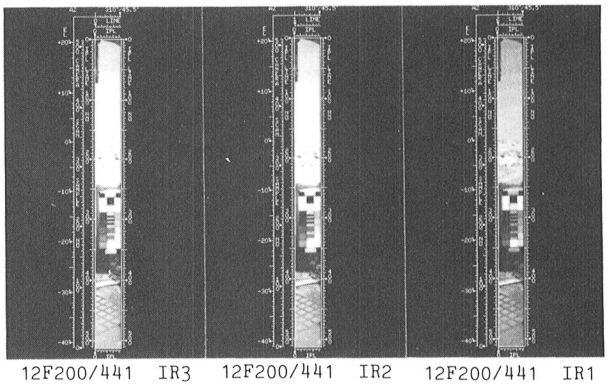
12F195/441 SUN 12F196/441 SUN



11F197/441 BB2 11F198/441 BB2

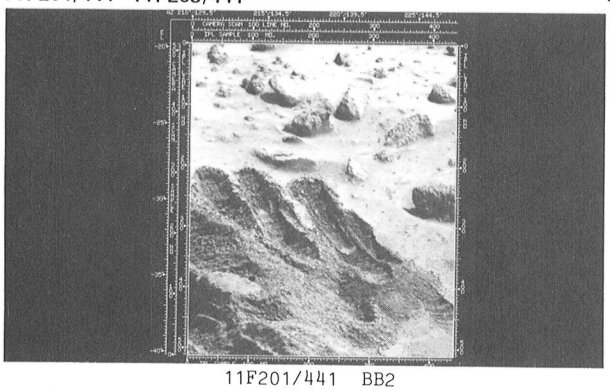


12F199/441 BLU 12F199/441 GRN 12F199/441 RED

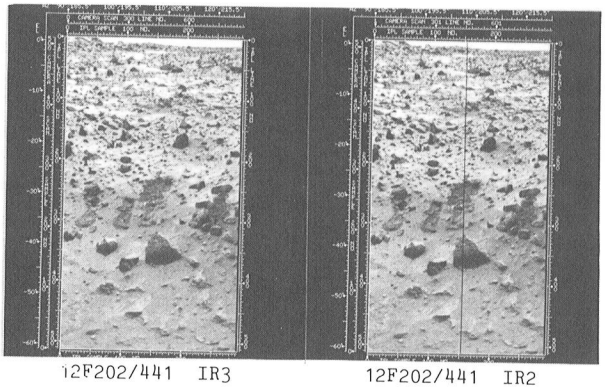


12F200/441 IR3 12F200/441 IR2 12F200/441 IR1

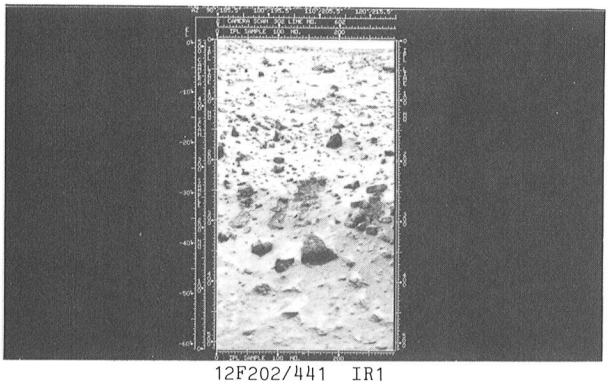
VL-I



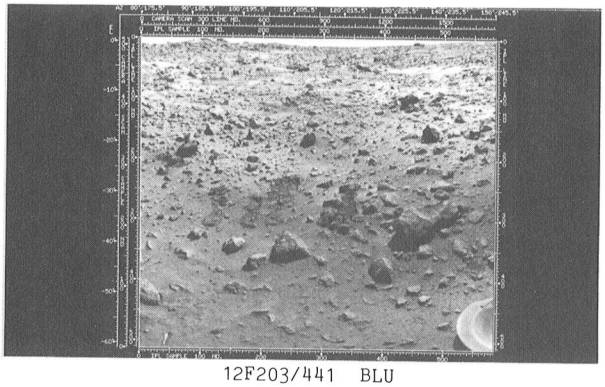
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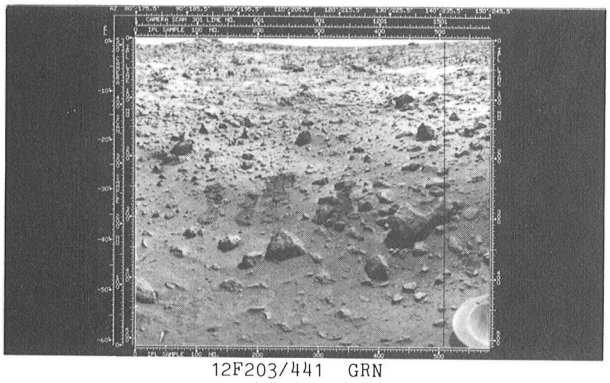
12F202/441 IR3 12F202/441 IR2



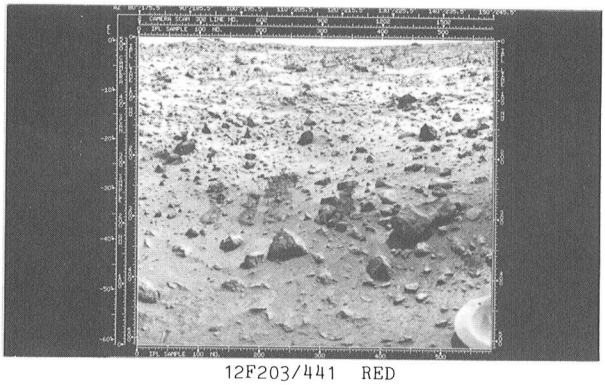
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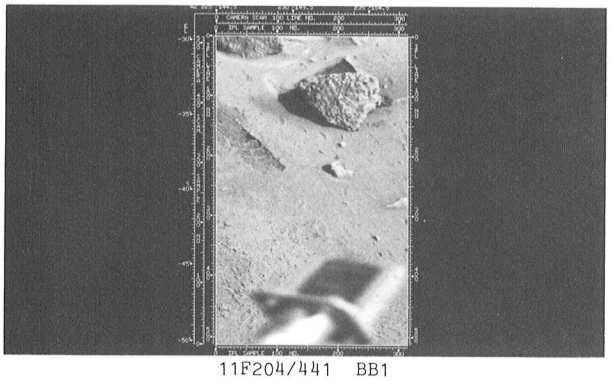
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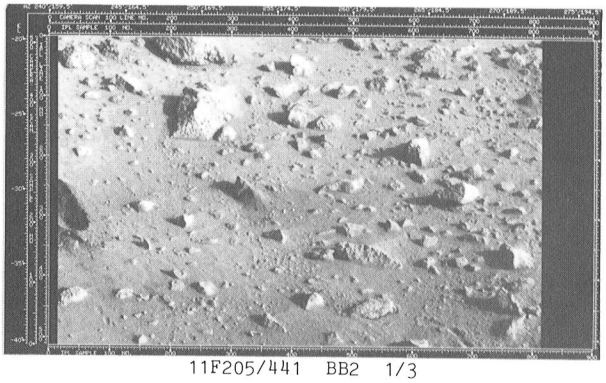
12F203/441 GRN



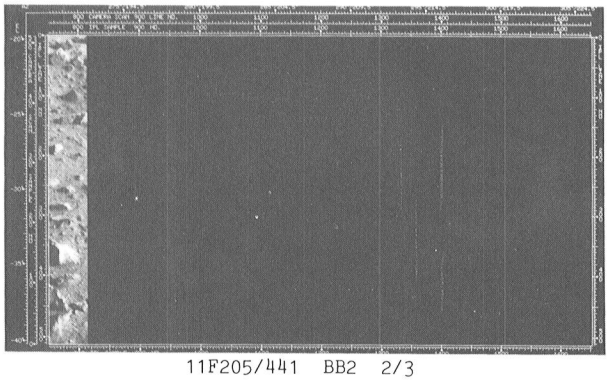
12F203/441 RED



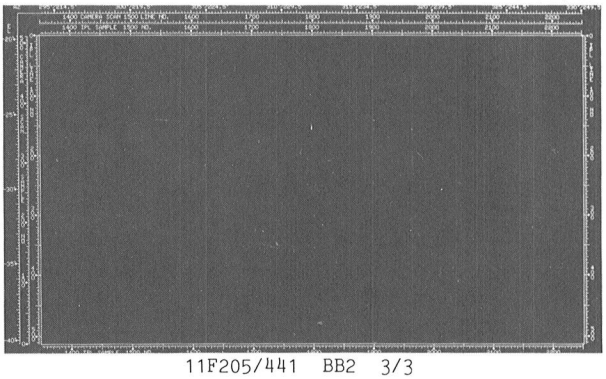
11F204/441 BB1



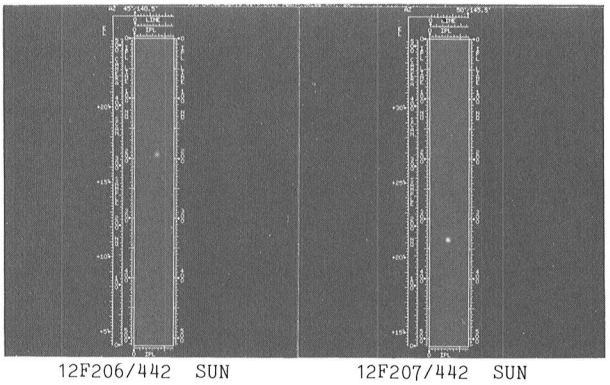
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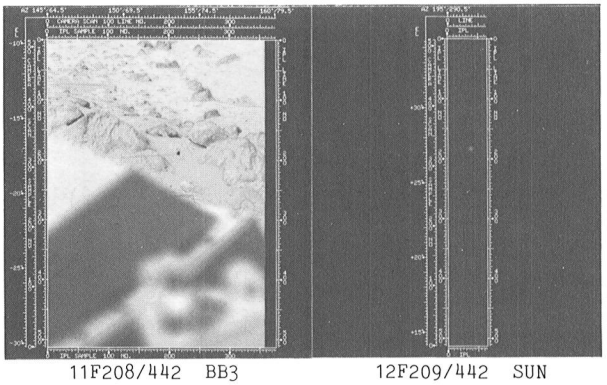
11F205/441 BB2 2/3



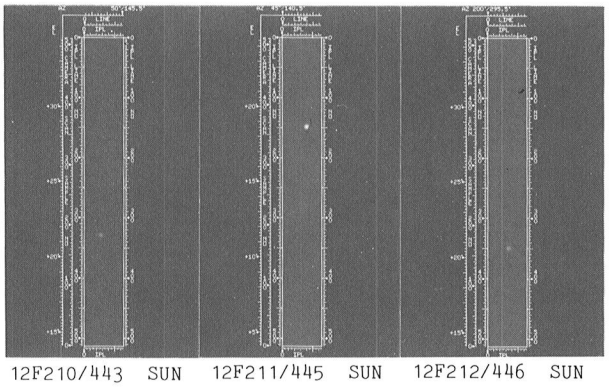
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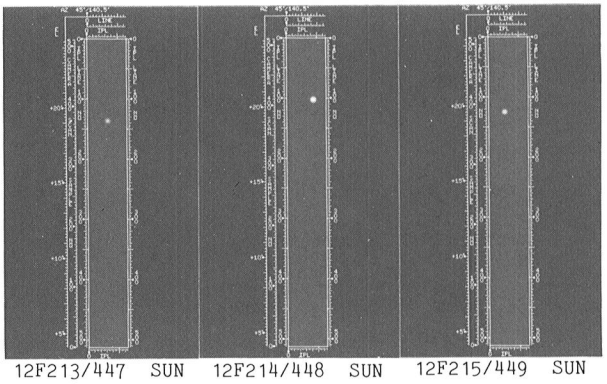
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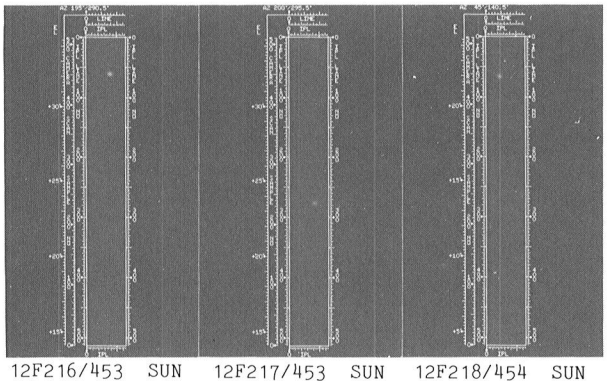
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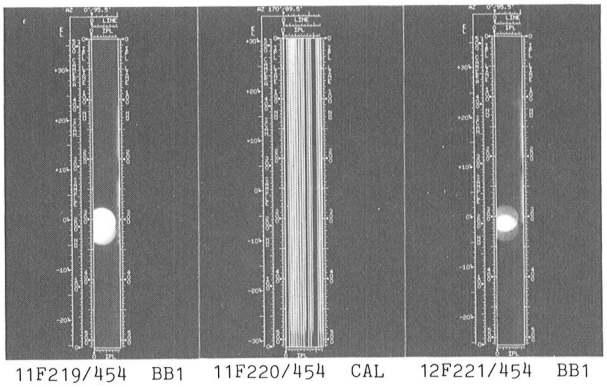
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12F213/447 SUN 12F214/448 SUN 12F215/449 SUN

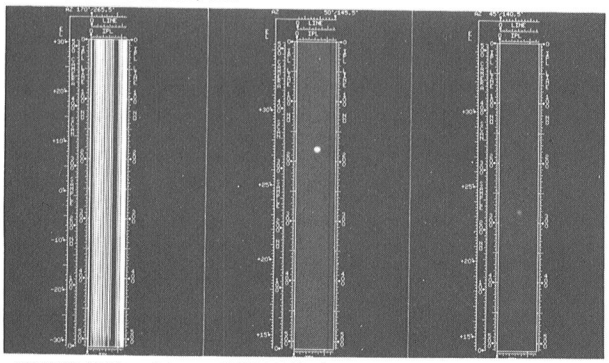


12F216/453 SUN 12F217/453 SUN 12F218/454 SUN

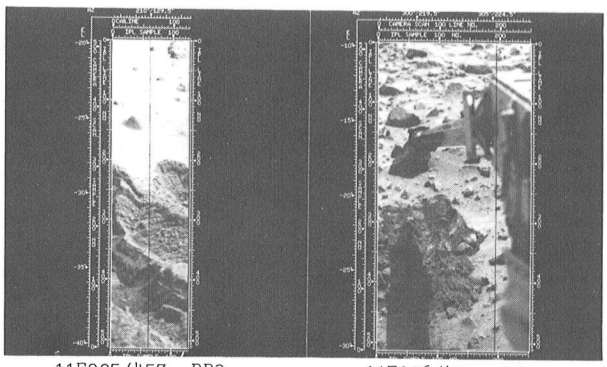


11F219/454 BB1 11F220/454 CAL 12F221/454 BB1

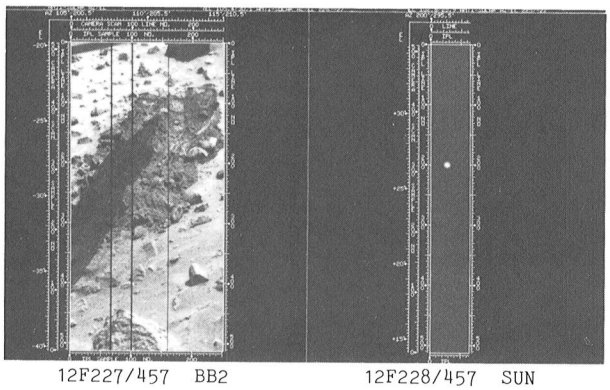
VL-I



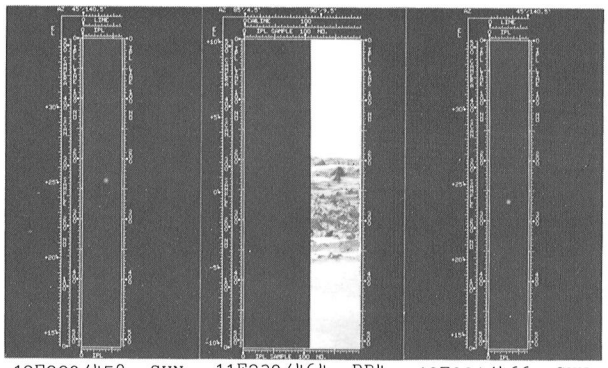
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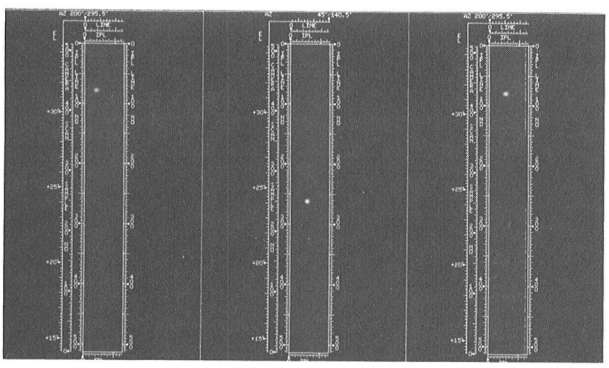
11F225/457 BB3 11F226/457 BB2



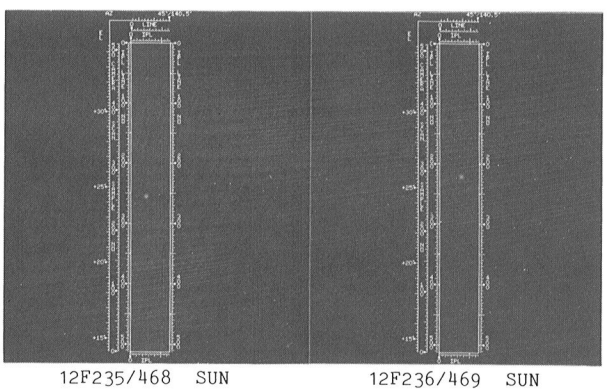
12F227/457 BB2 12F228/457 SUN



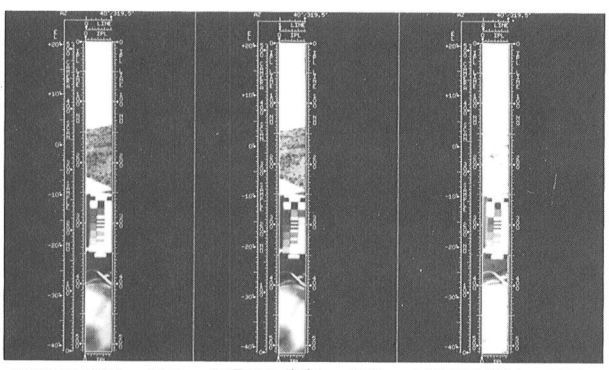
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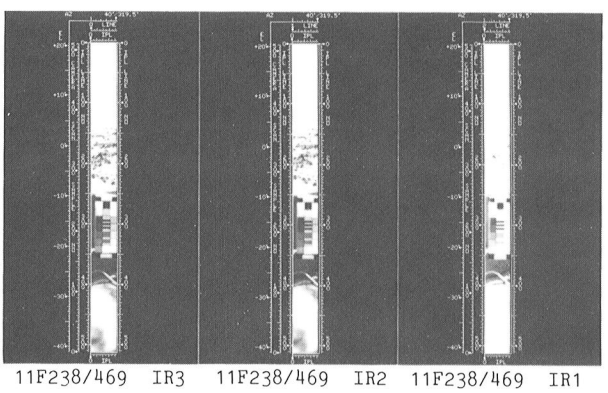
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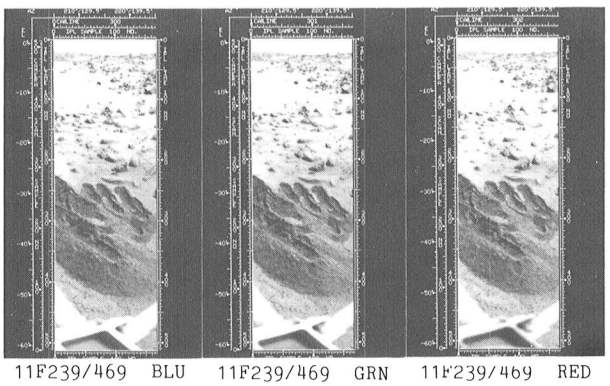
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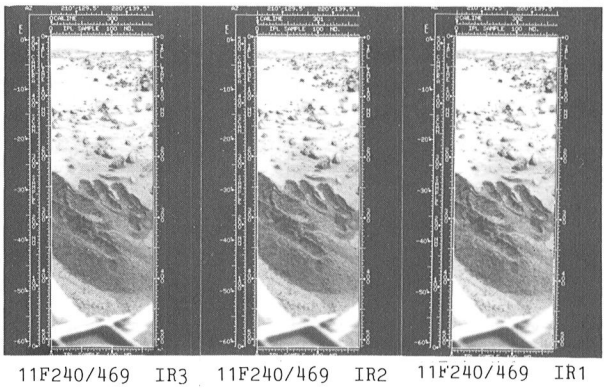
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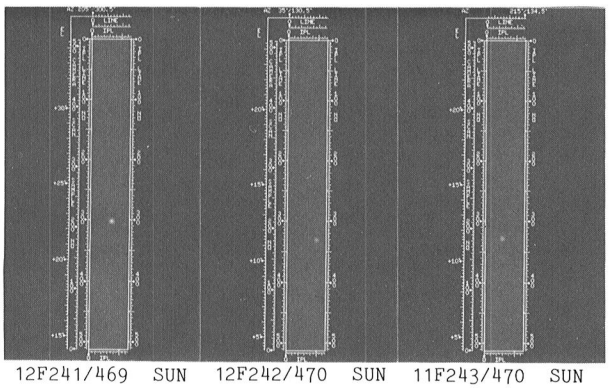
11F238/469 IR3 11F238/469 IR2 11F238/469 IR1



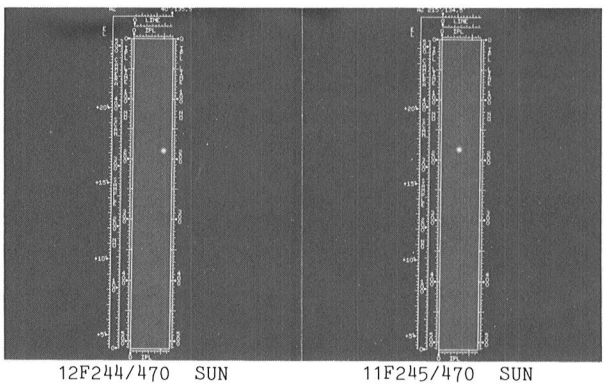
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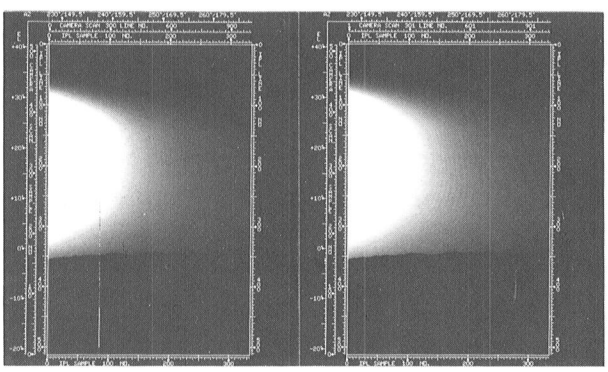
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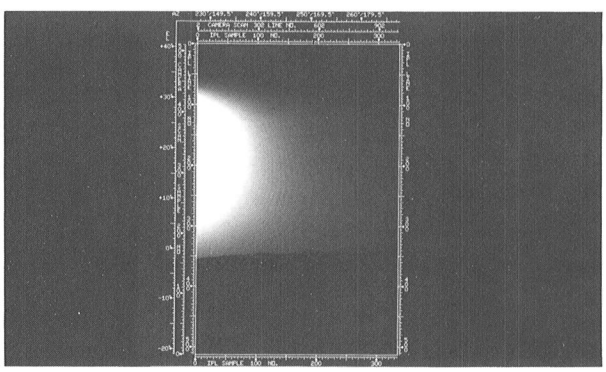
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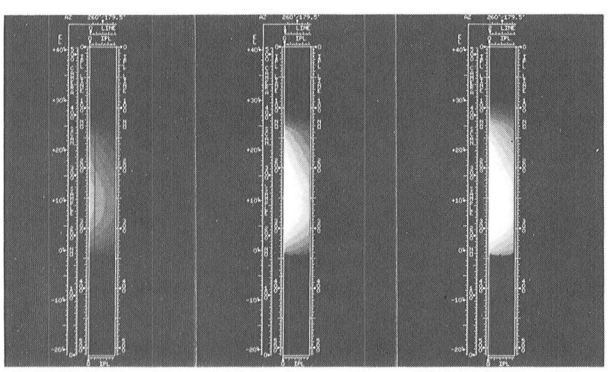
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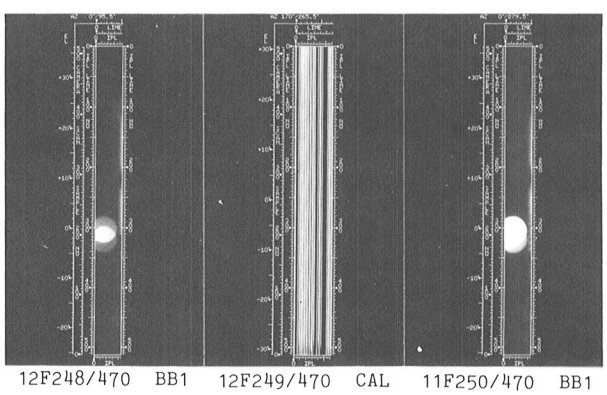
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11F246/470 RED

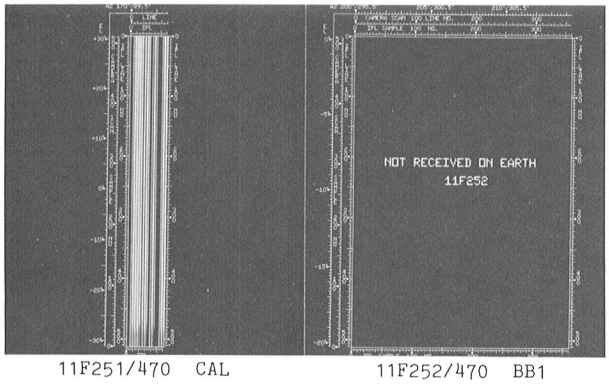


11F247/470 IR3 11F247/470 IR2 11F247/470 IR1

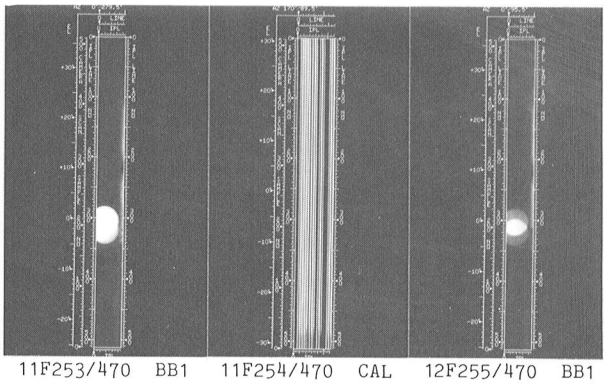


12F248/470 BB1 12F249/470 CAL 11F250/470 BB1

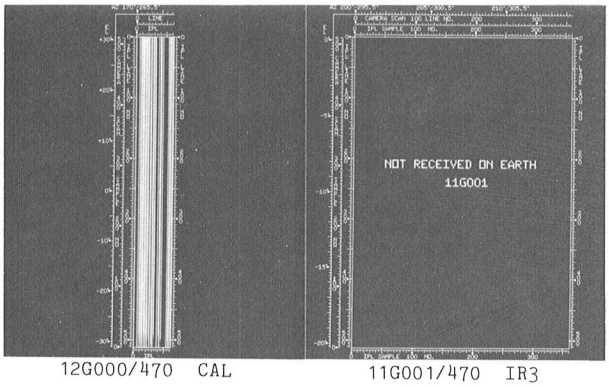
VL-I



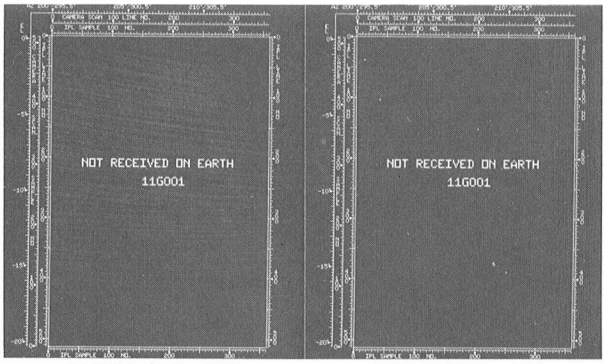
11F251/470 CAL 11F252/470 BB1



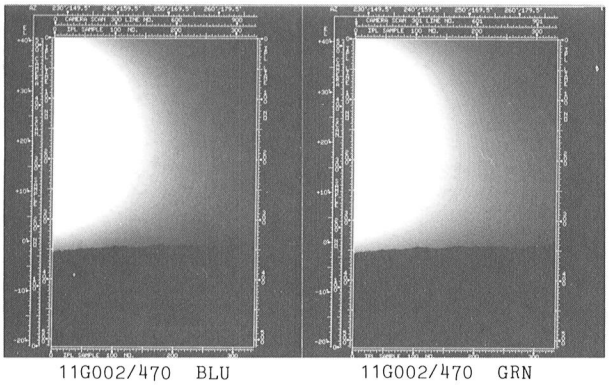
11F253/470 BB1 11F254/470 CAL 12F255/470 BB1



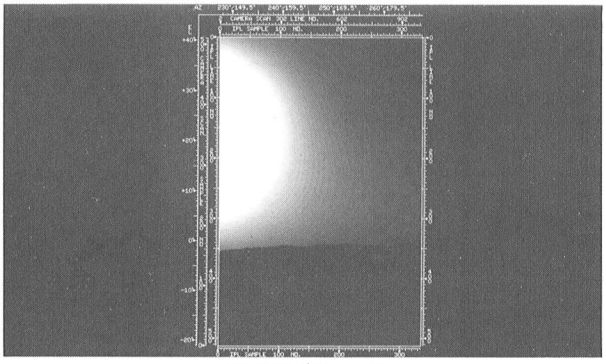
12G000/470 CAL 11G001/470 IR3



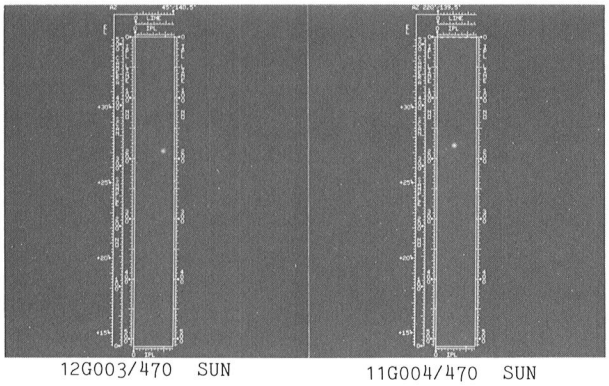
11G001/470 IR2 11G001/470 IR1



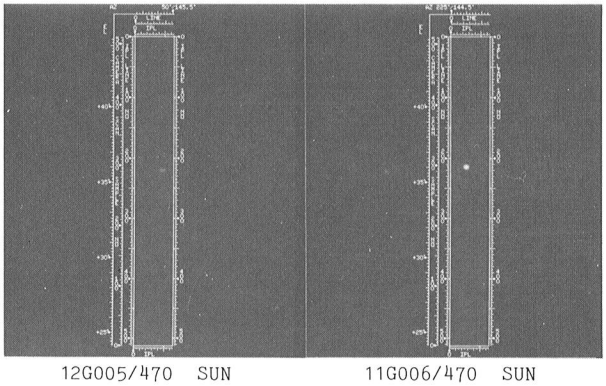
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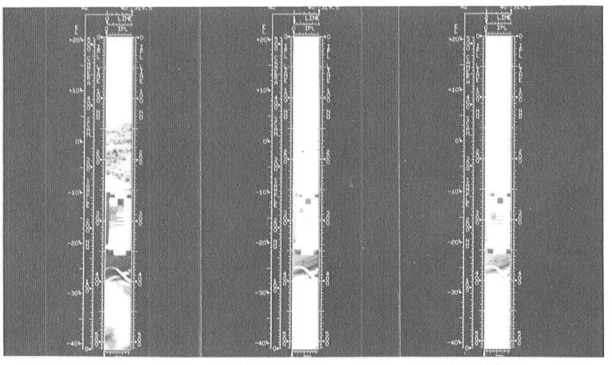
11G002/470 RED



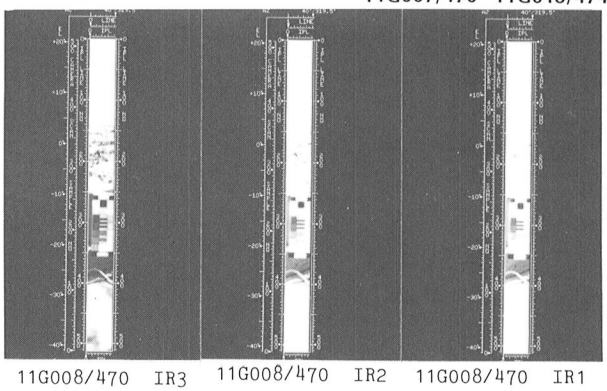
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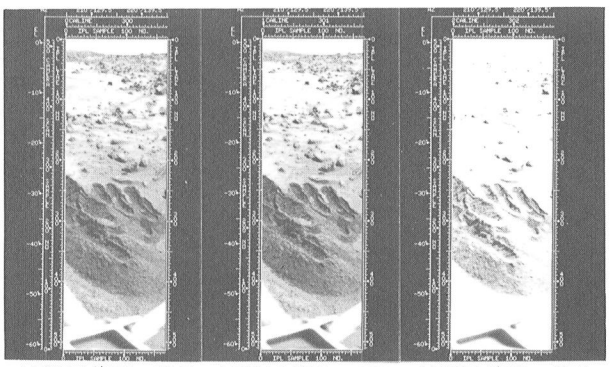
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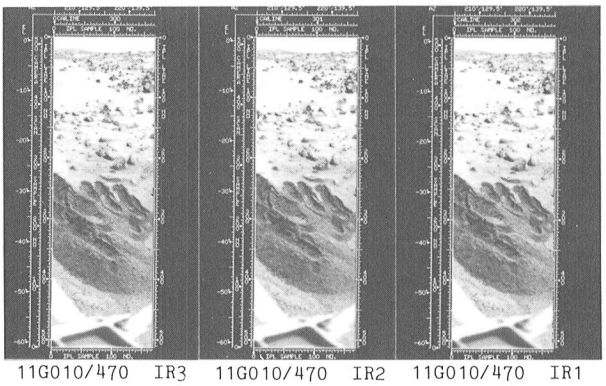
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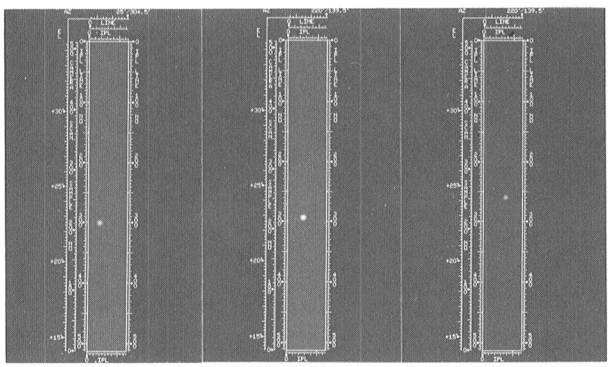
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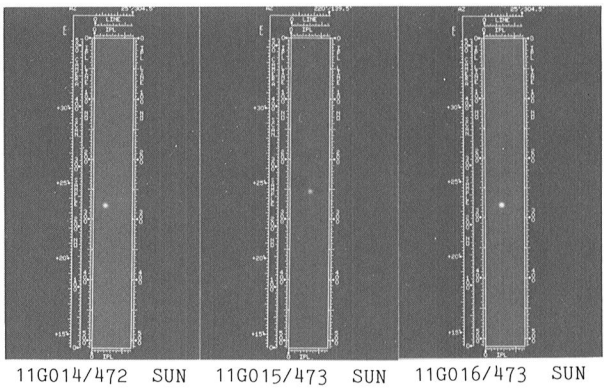
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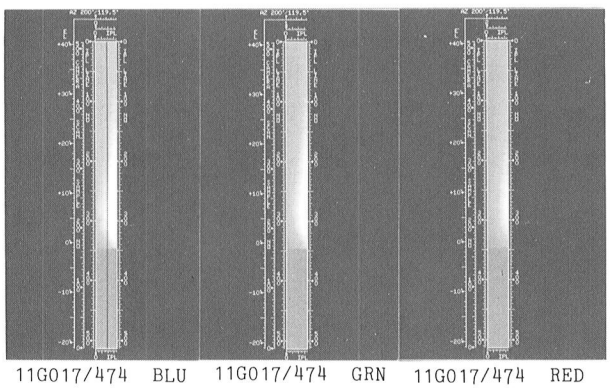
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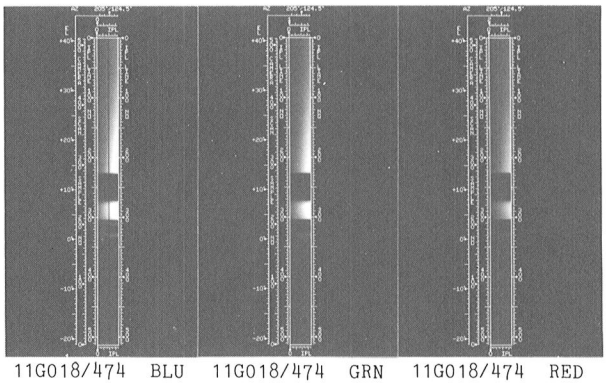
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11G014/472 SUN 11G015/473 SUN 11G016/473 SUN

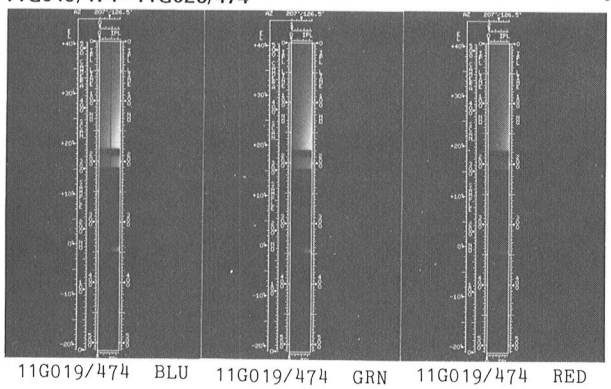


11G017/474 BLU 11G017/474 GRN 11G017/474 RED

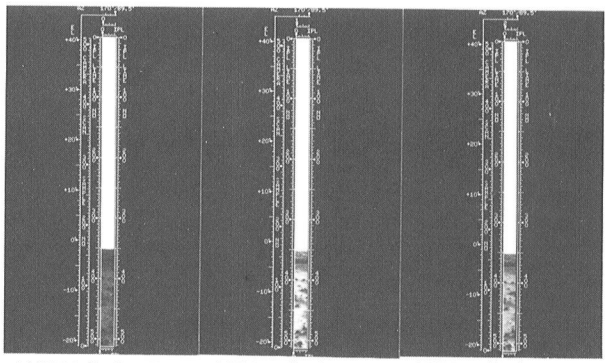


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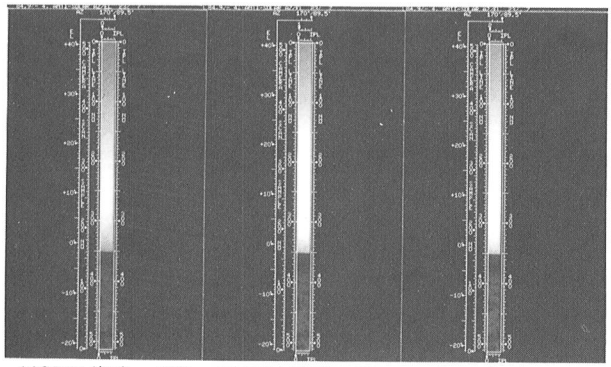
VL-I



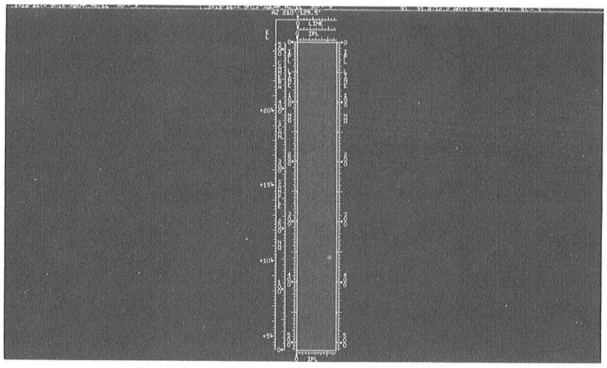
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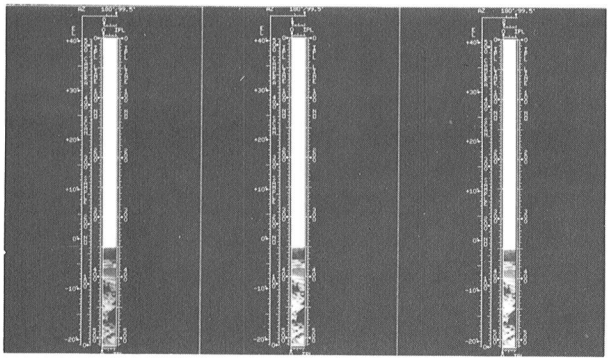
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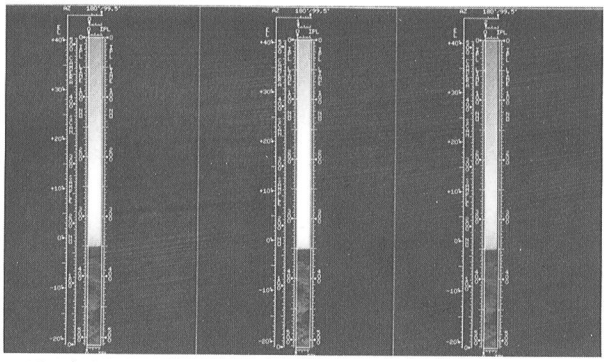
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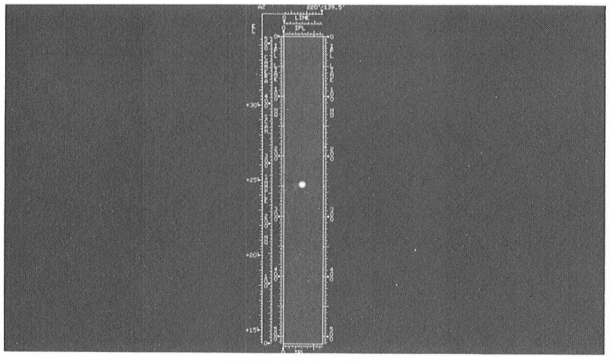
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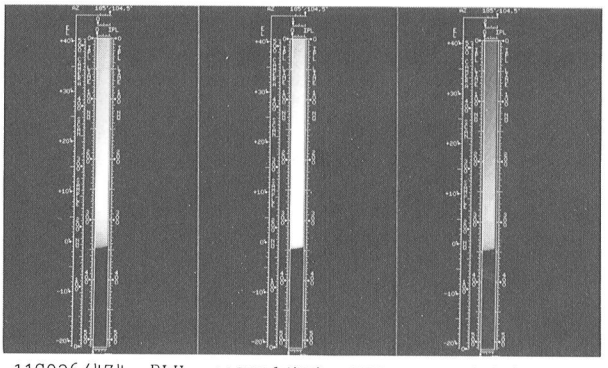
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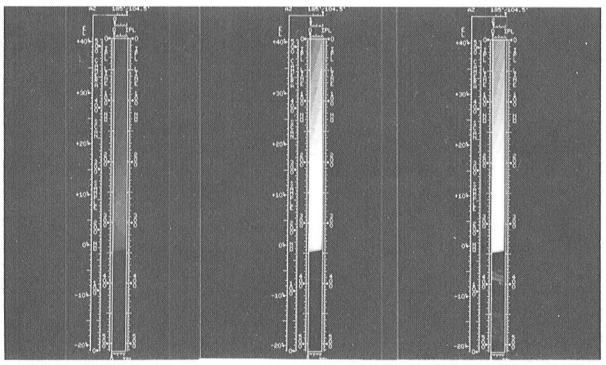
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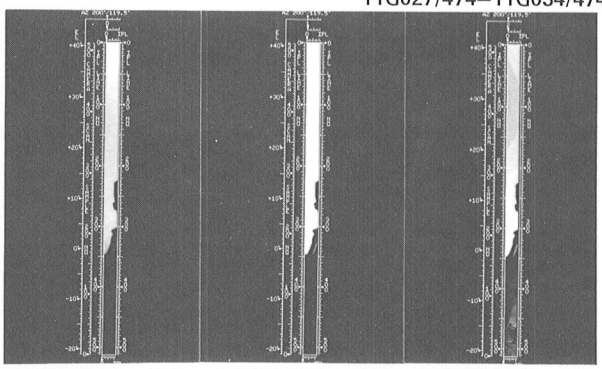
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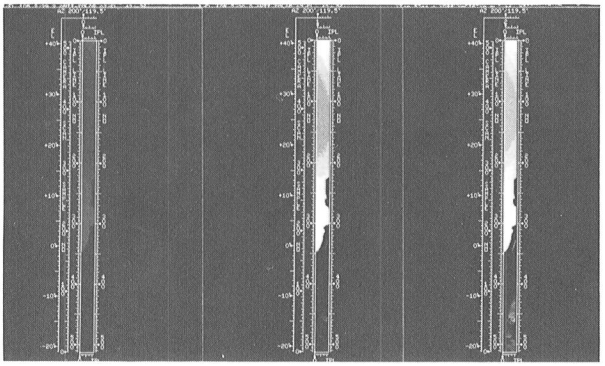
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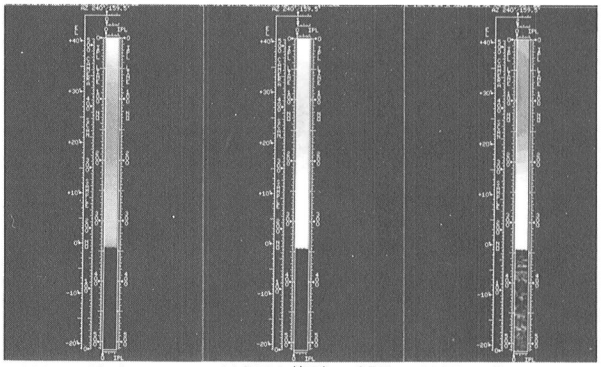
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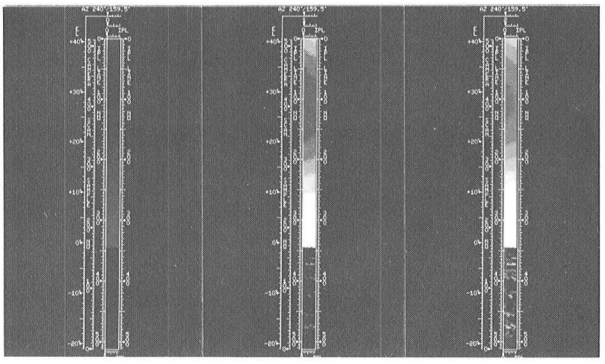
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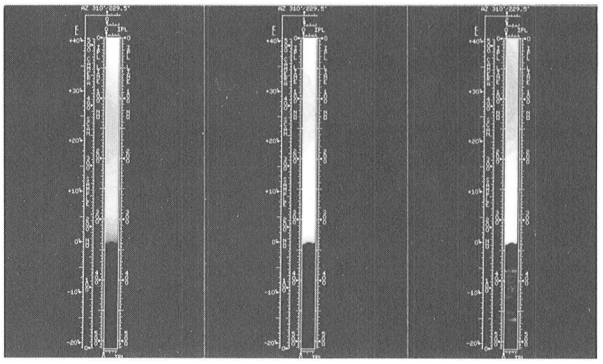
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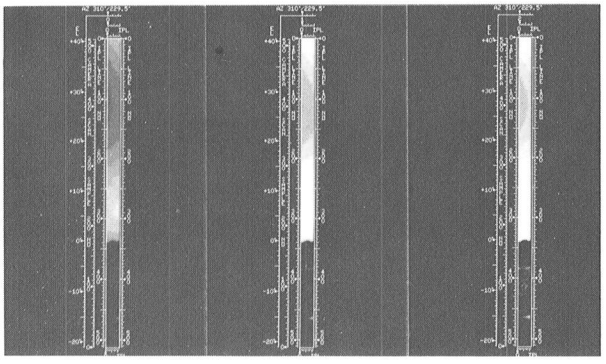
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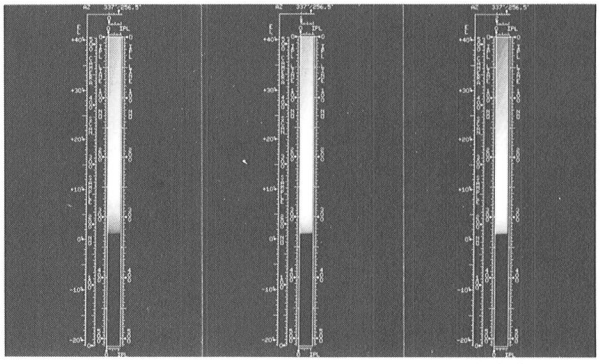
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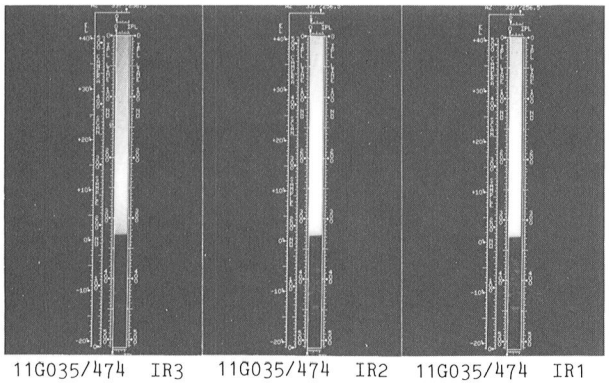


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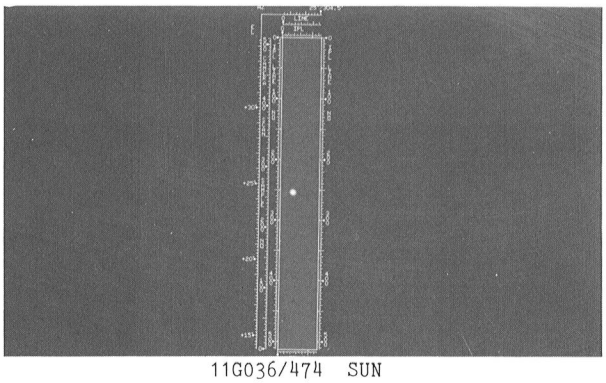


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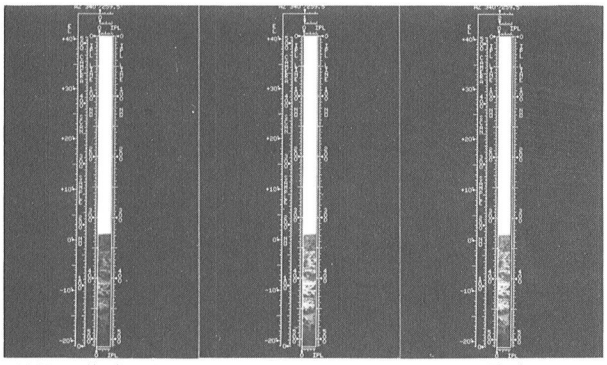
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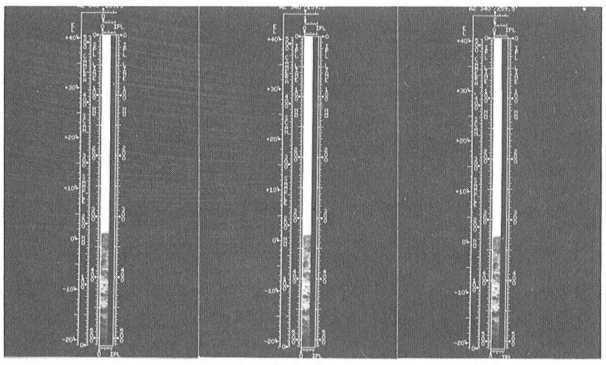
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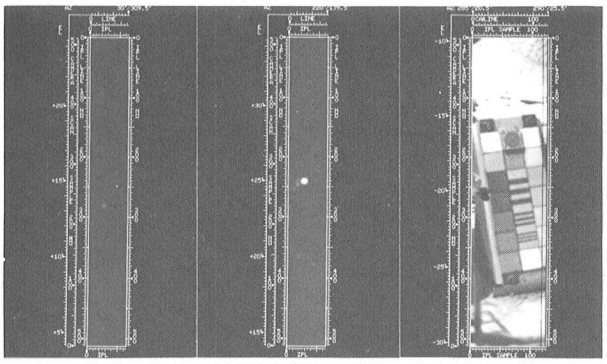
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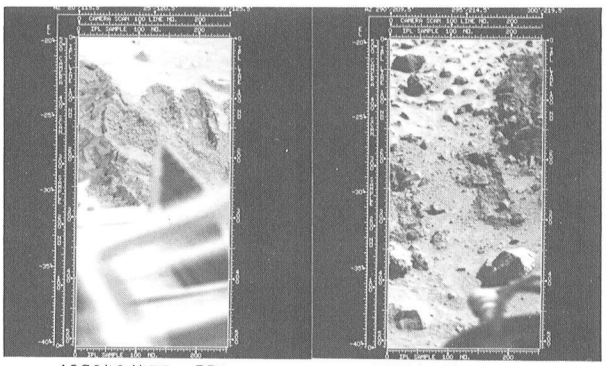
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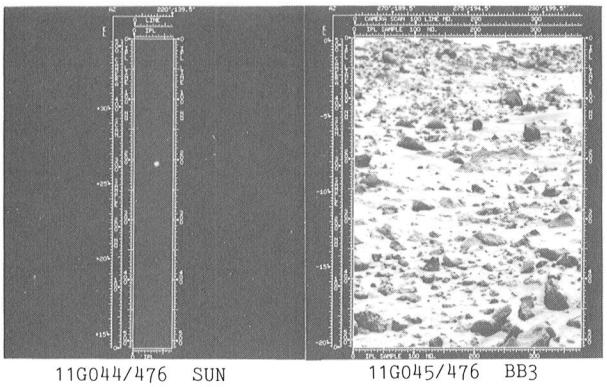
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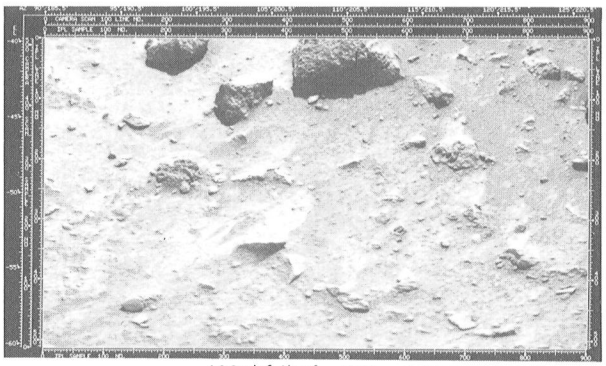
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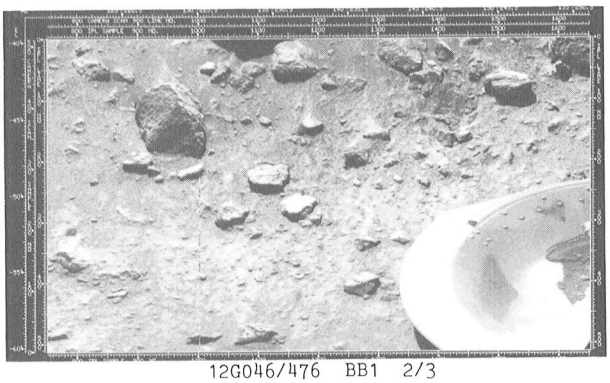
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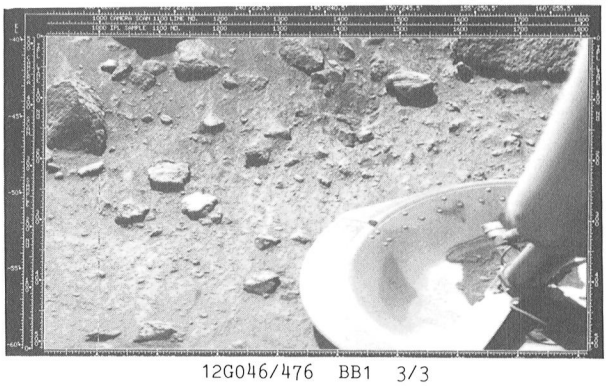
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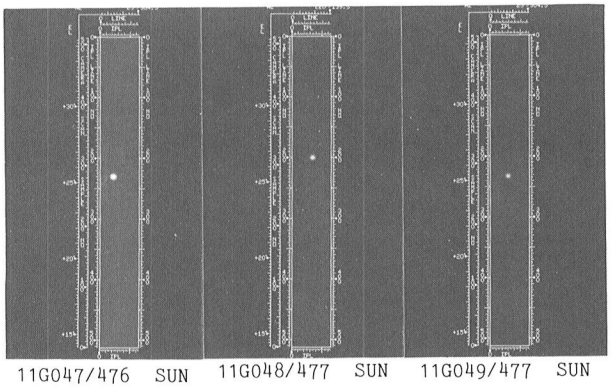
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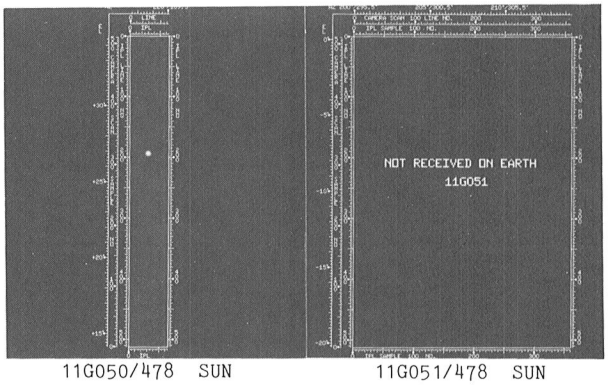
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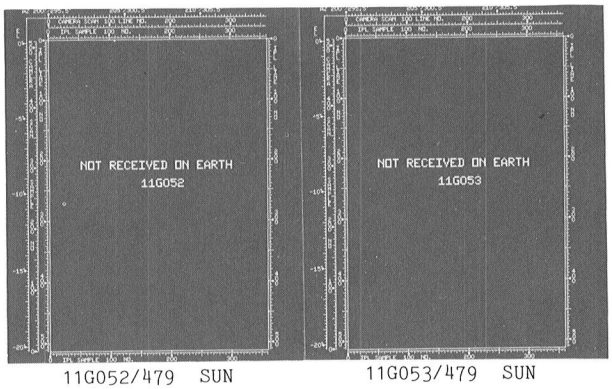
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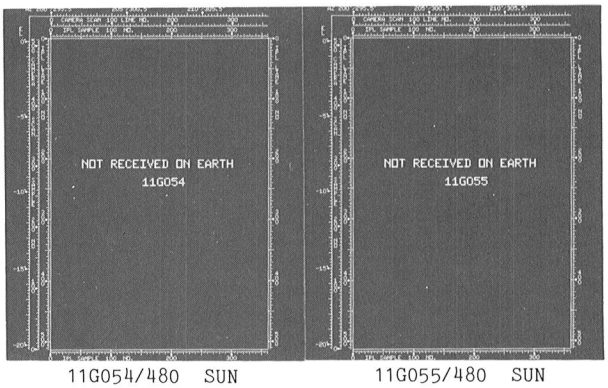
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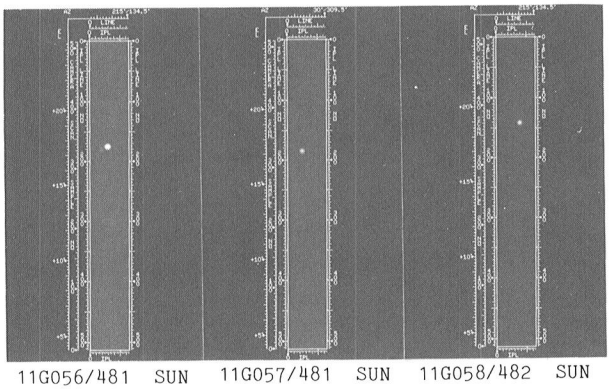
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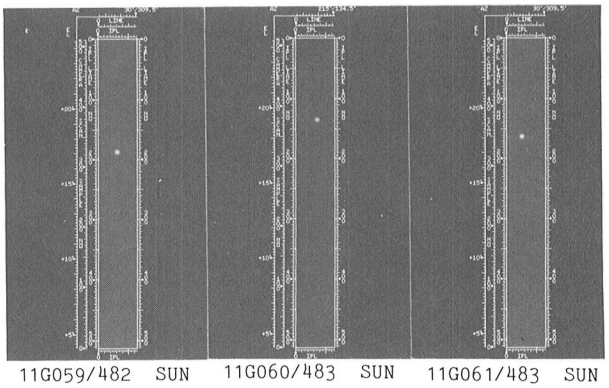
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11G054/480 SUN 11G055/480 SUN

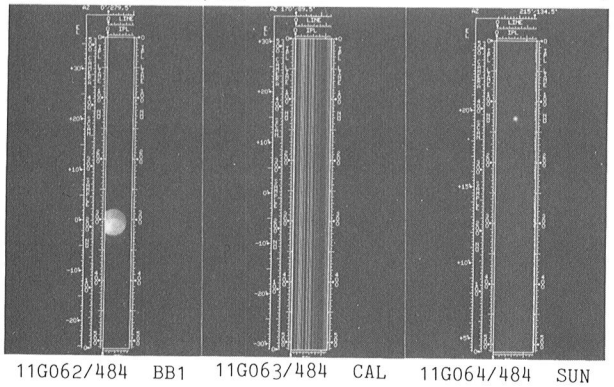


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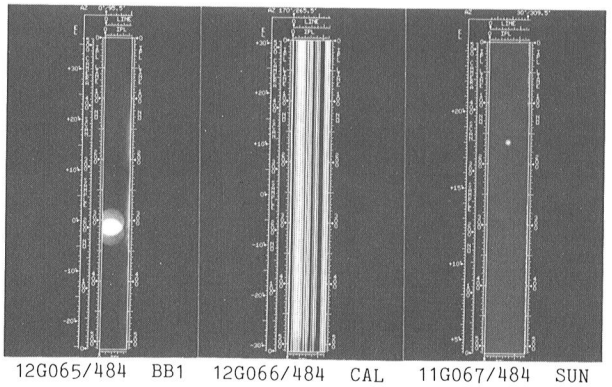


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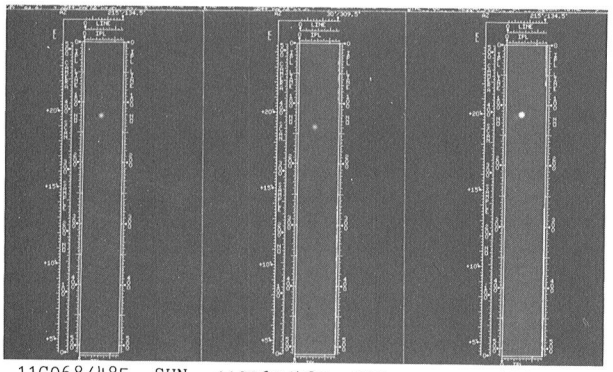
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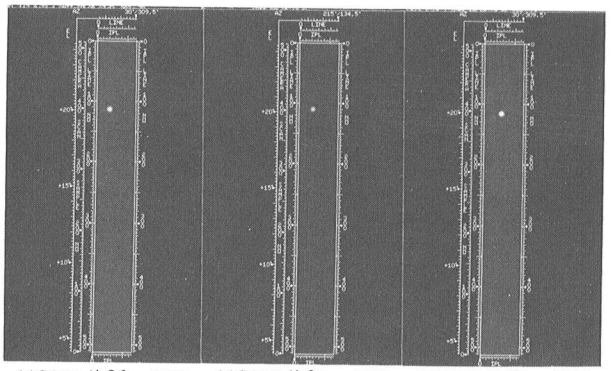
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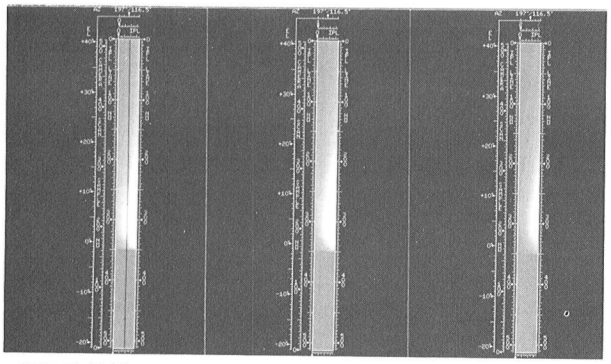
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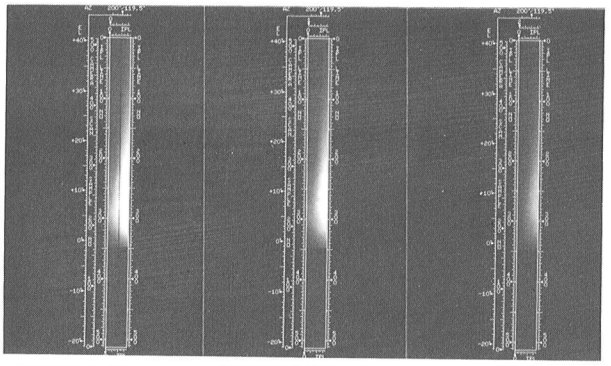
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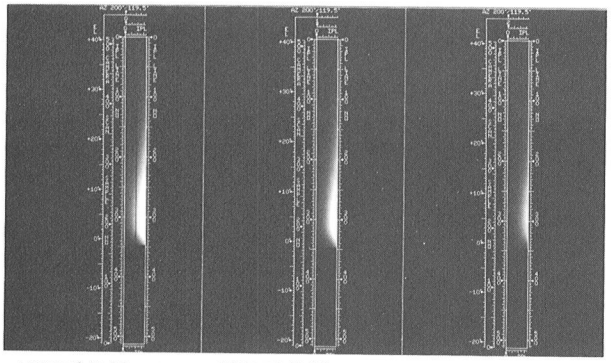
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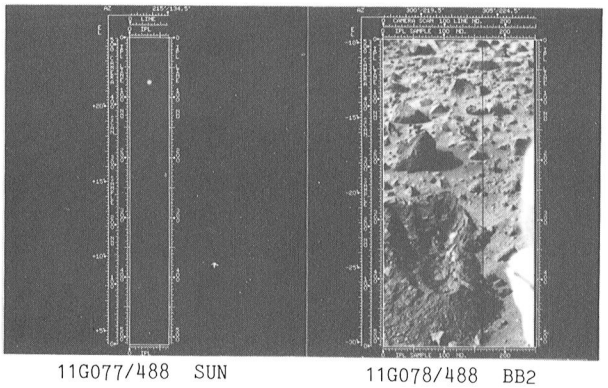
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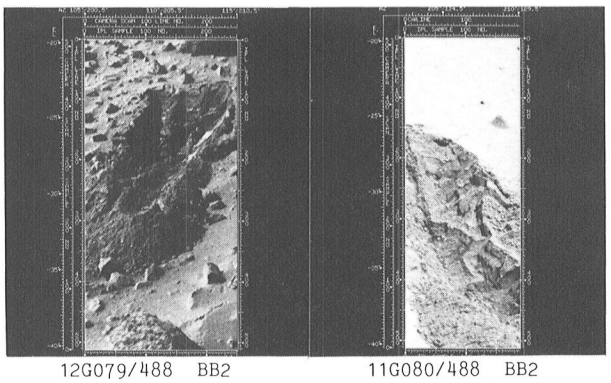
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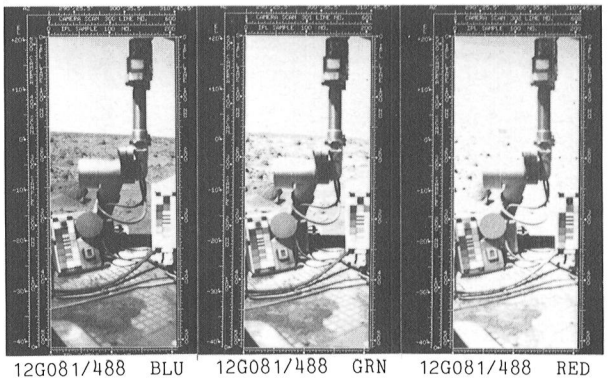
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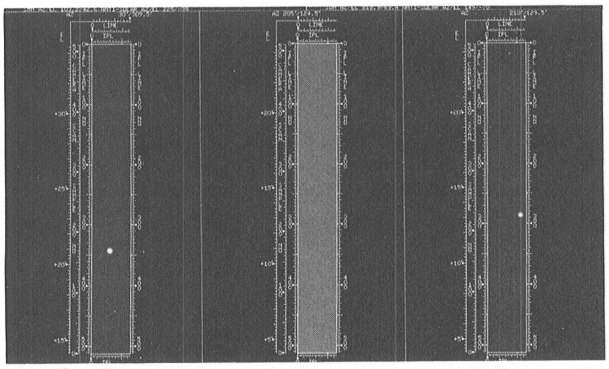
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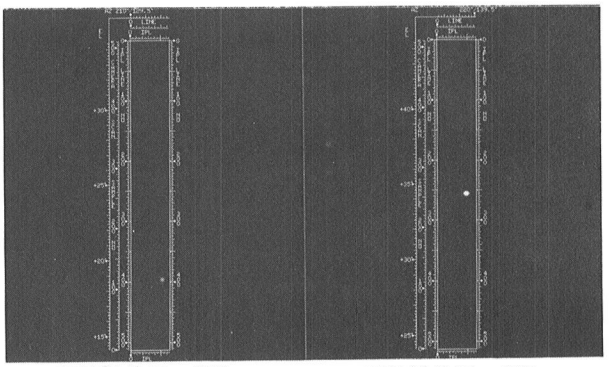
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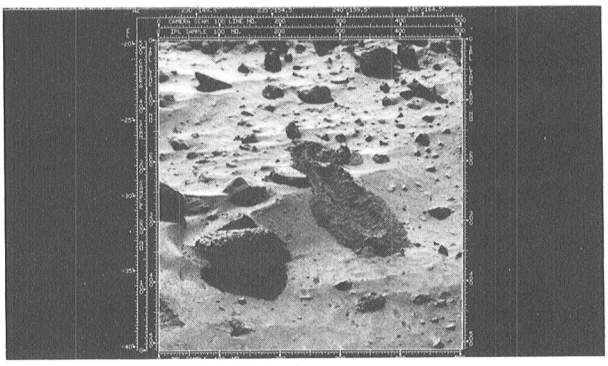
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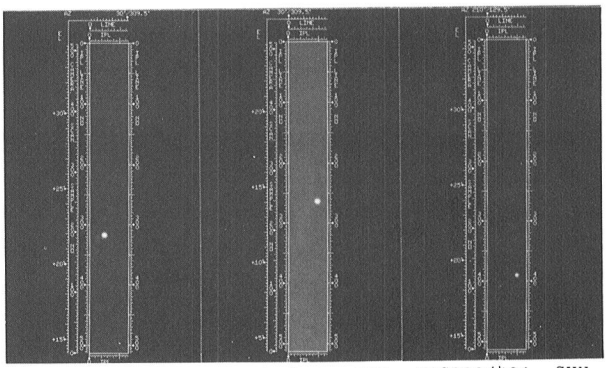
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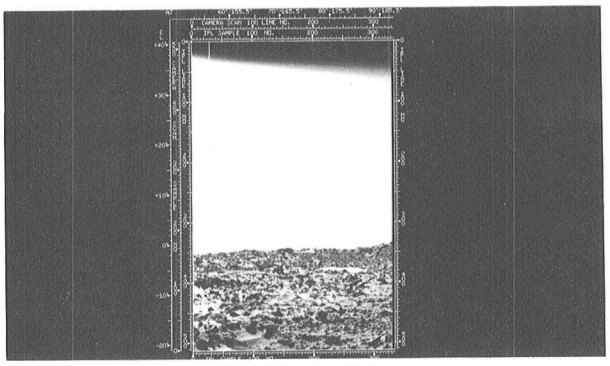
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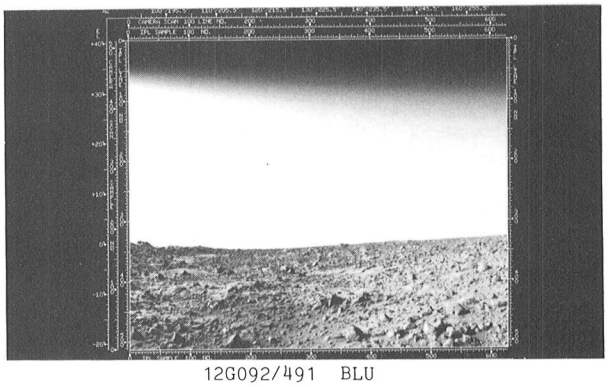
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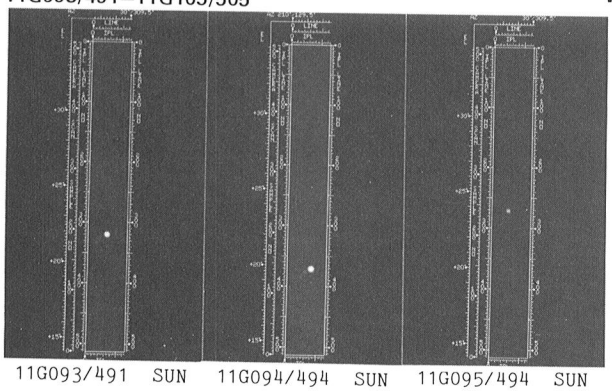


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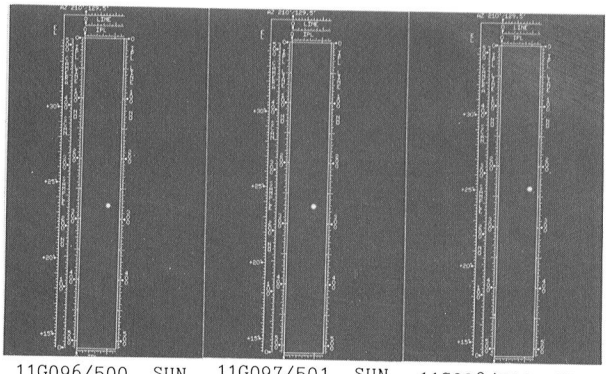


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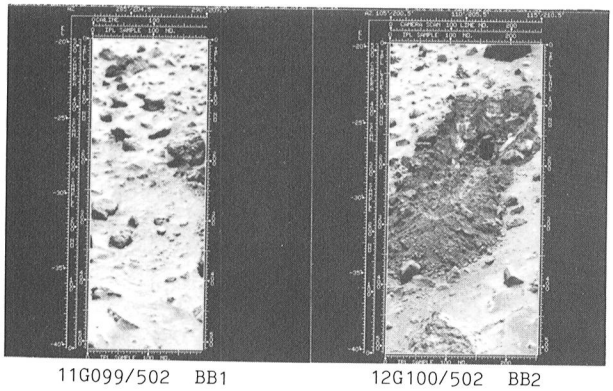
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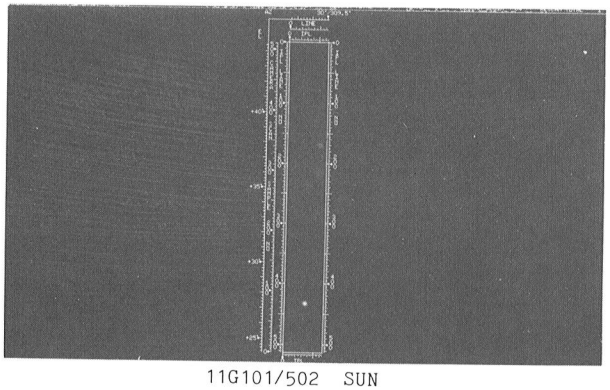
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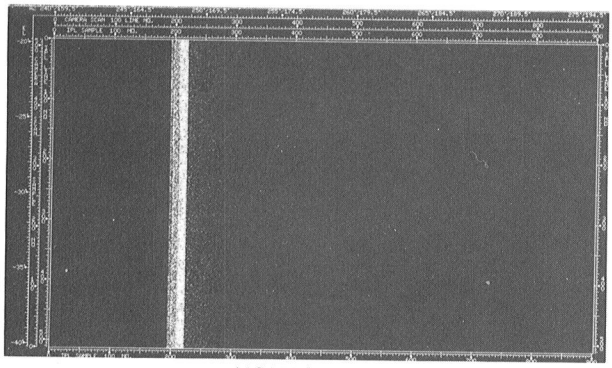
11G096/500 SUN 11G097/501 SUN 11G098/502 SUN



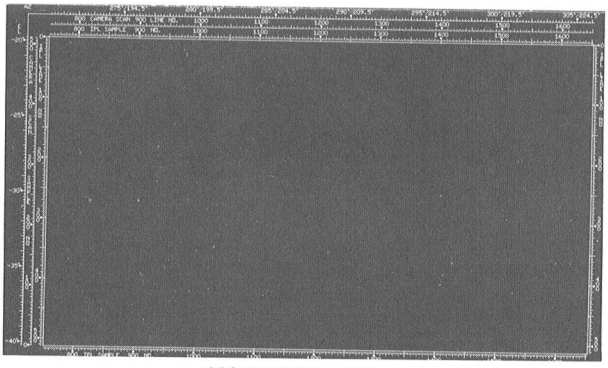
11G099/502 BB1 12G100/502 BB2



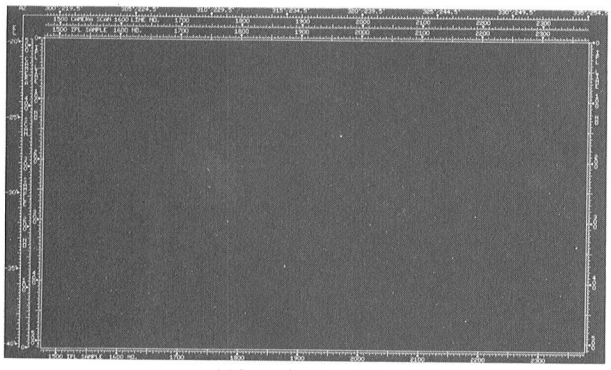
11G101/502 SUN



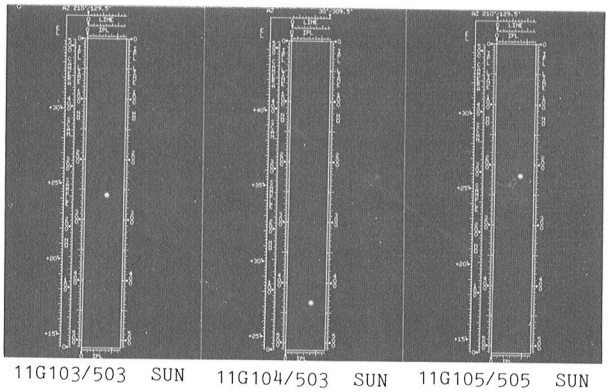
11G102/503 BB2 1/3



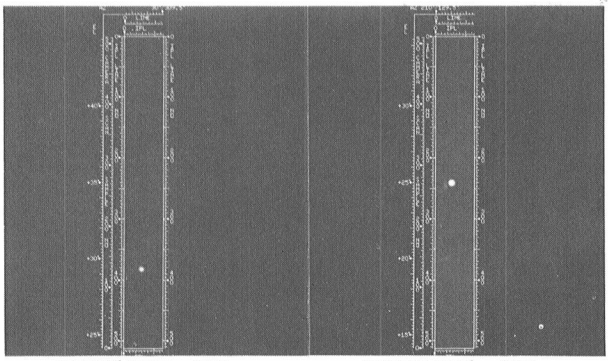
11G102/503 BB2 2/3



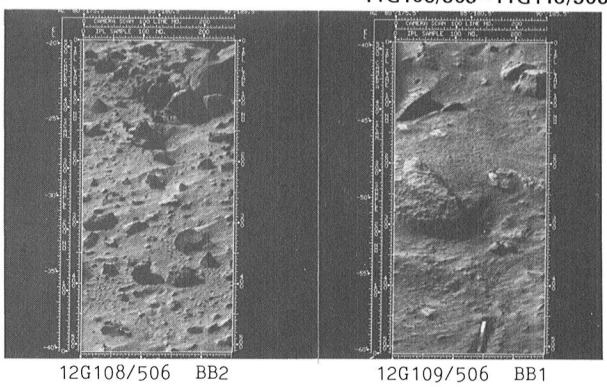
11G102/503 BB2 3/3



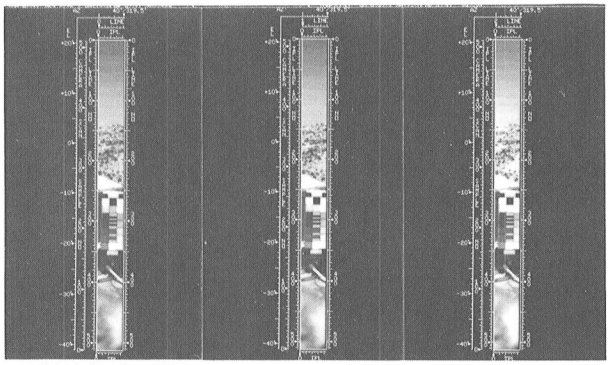
11G103/503 SUN 11G104/503 SUN 11G105/505 SUN



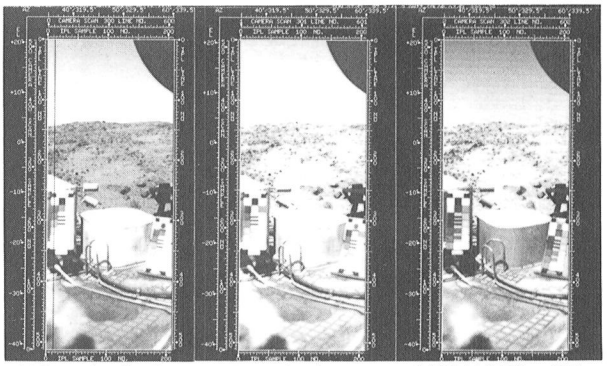
11G106/505 SUN 11G107/506 SUN



12G108/506 BB2 12G109/506 BB1



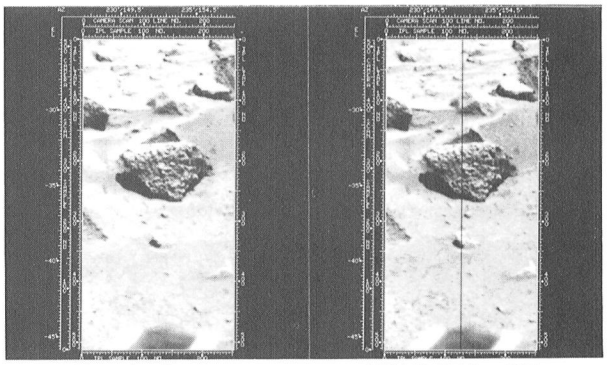
11G110/506 IR3 11G110/506 IR2 11G110/506 IR1



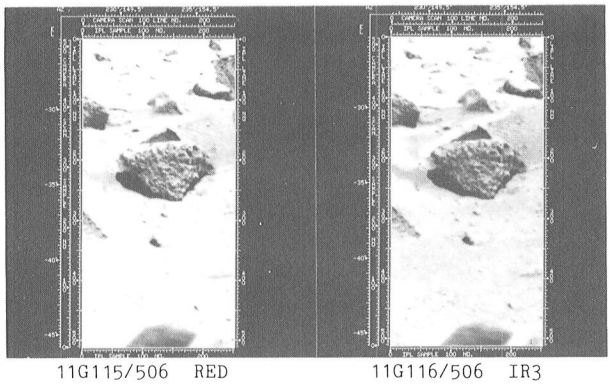
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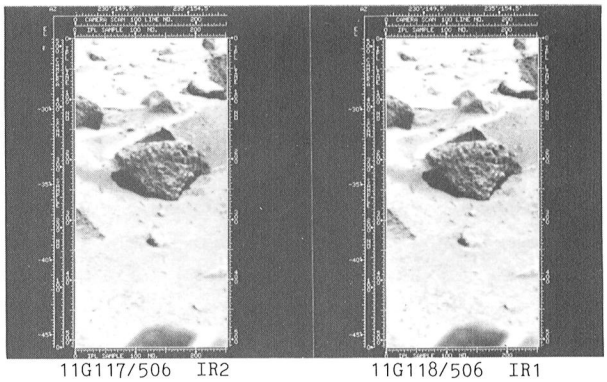
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11G113/506 BLU 11G114/506 GRN

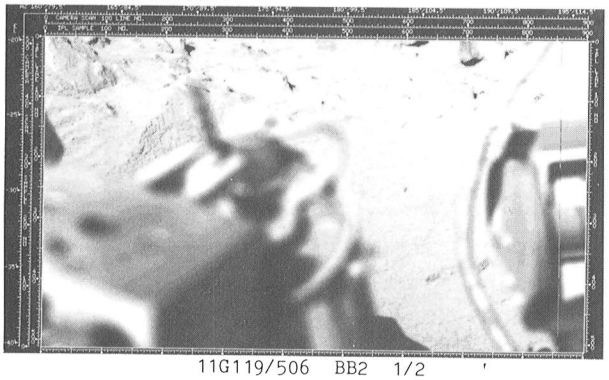


11G115/506 RED 11G116/506 IR3

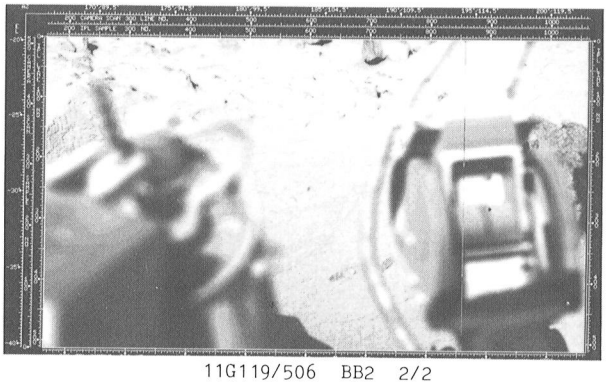


11G117/506 IR2 11G118/506 IR1

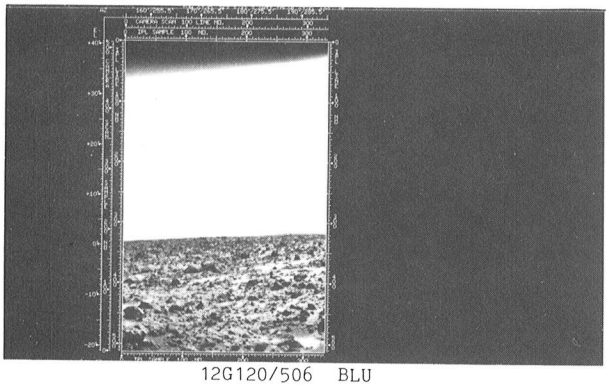
VL-I



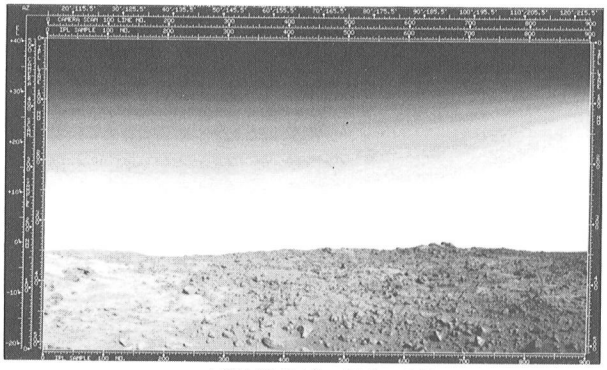
11G119/506 BB2 1/2



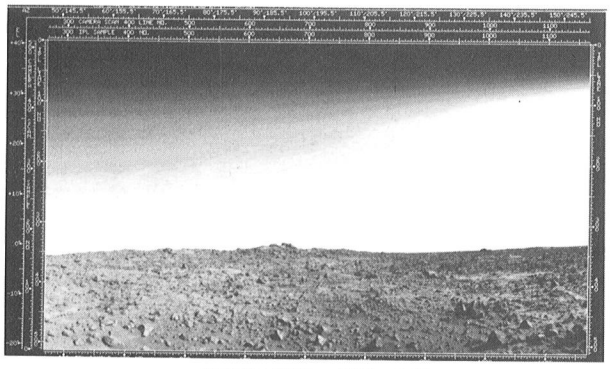
11G119/506 BB2 2/2



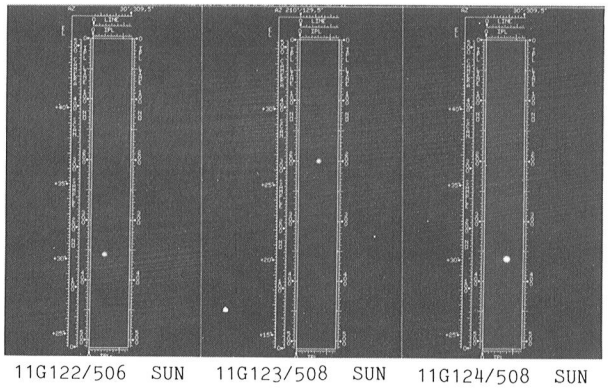
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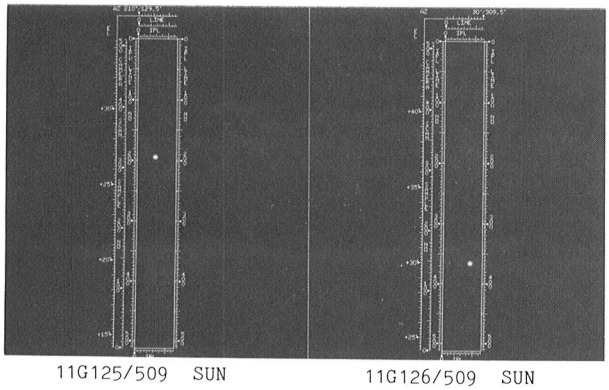
12G121/506 BLU 1/2



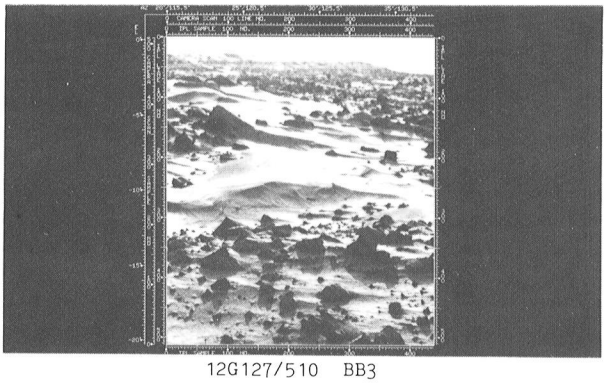
12G121/506 BLU 2/2



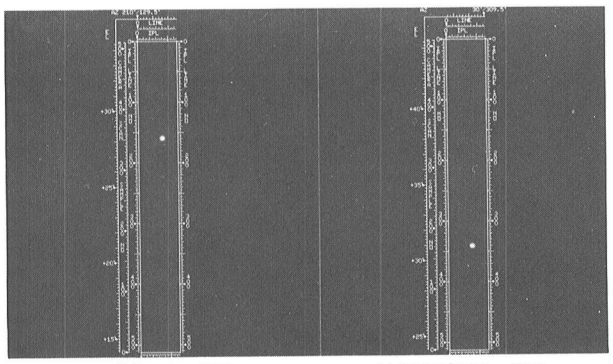
11G122/506 SUN 11G123/508 SUN 11G124/508 SUN



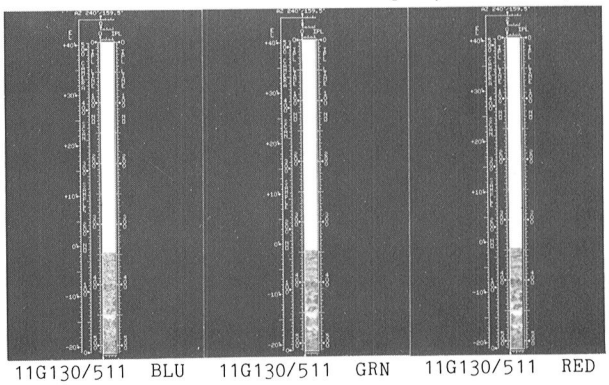
11G125/509 SUN 11G126/509 SUN



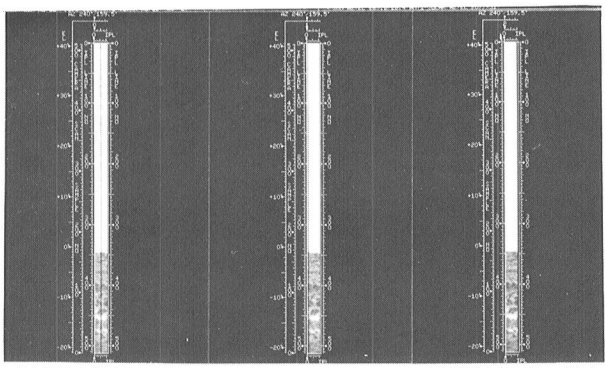
12G127/510 BB3



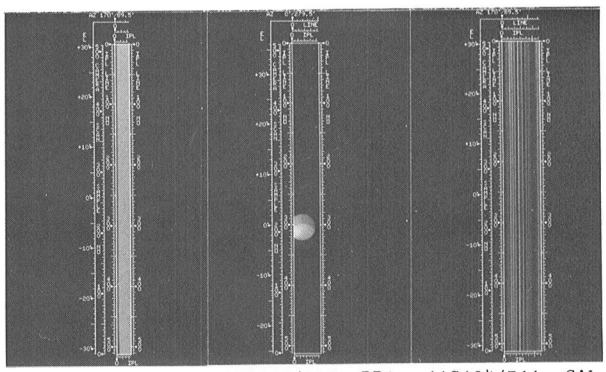
11G128/510 SUN 11G129/510 SUN



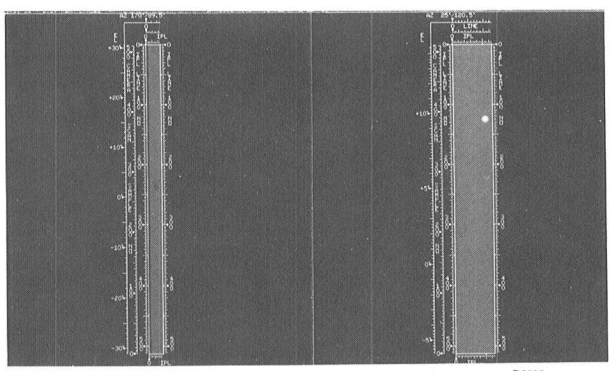
11G130/511 BLU 11G130/511 GRN 11G130/511 RED



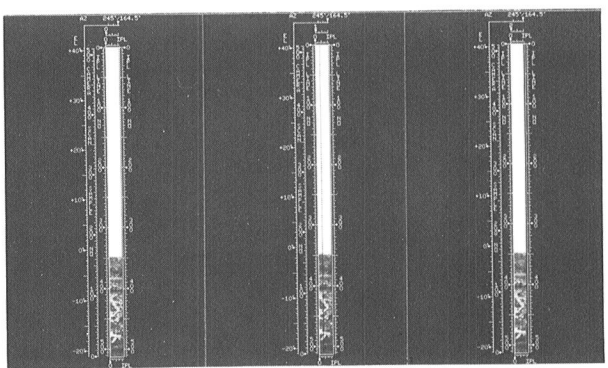
11G131/511 IR3 11G131/511 IR2 11G131/511 IR1



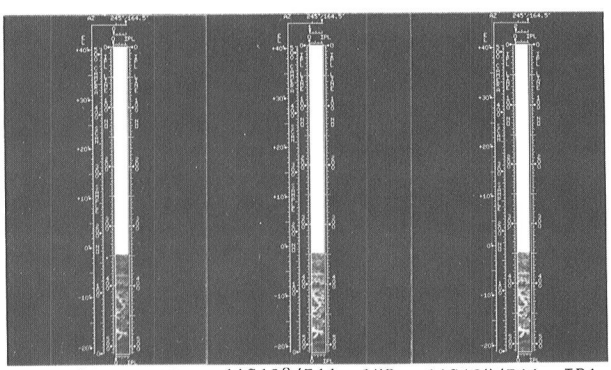
11G132/511 BB1 11G133/511 BB1 11G134/511 CAL



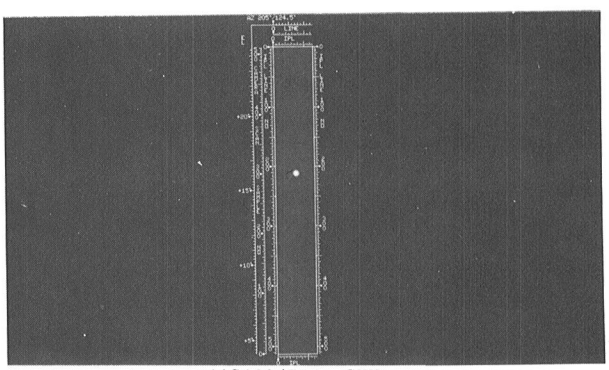
11G135/511 IR3 12G136/511 SUN



11G137/511 BLU 11G137/511 GRN 11G137/511 RED

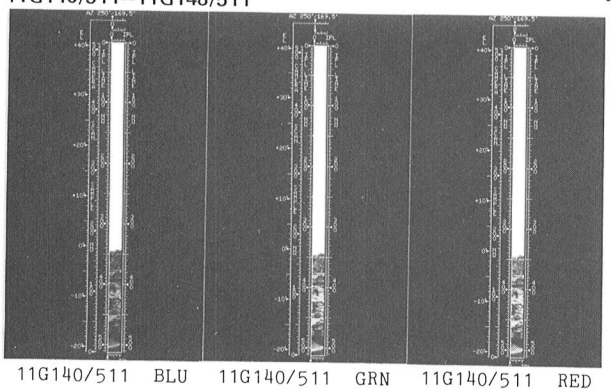


11G138/511 IR3 11G138/511 IR2 11G138/511 IR1

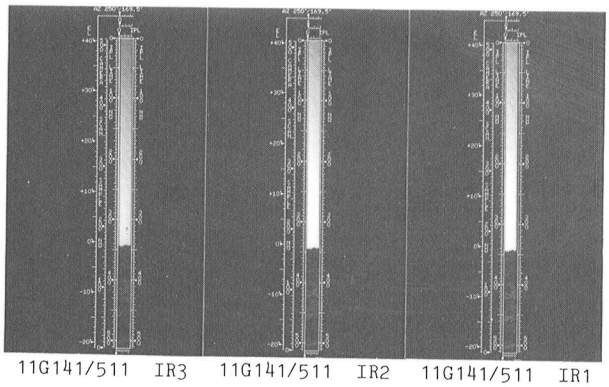


11G139/511 SUN

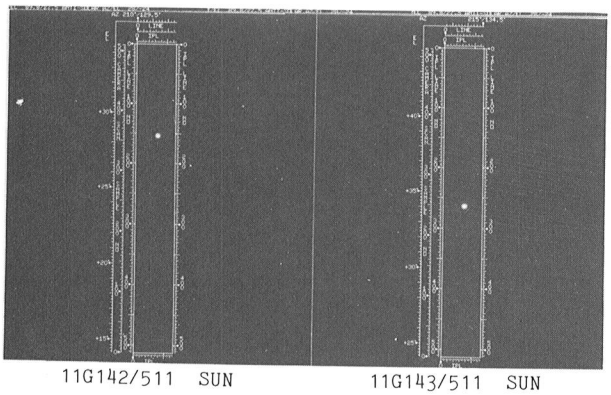
VL-I



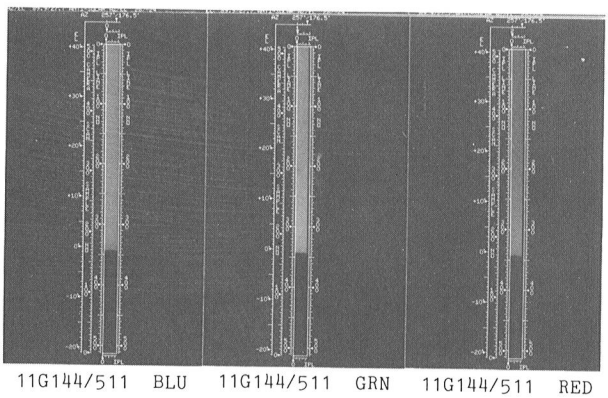
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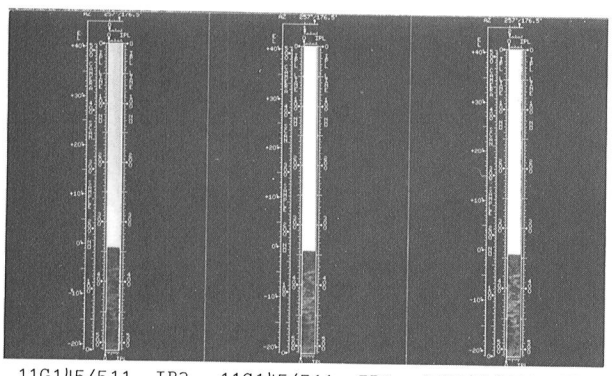
11G141/511 IR3 11G141/511 IR2 11G141/511 IR1



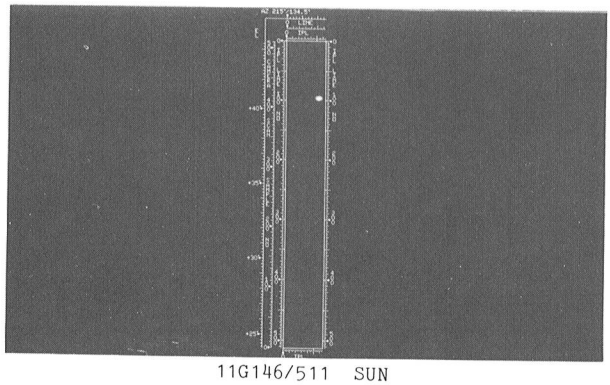
11G142/511 SUN 11G143/511 SUN



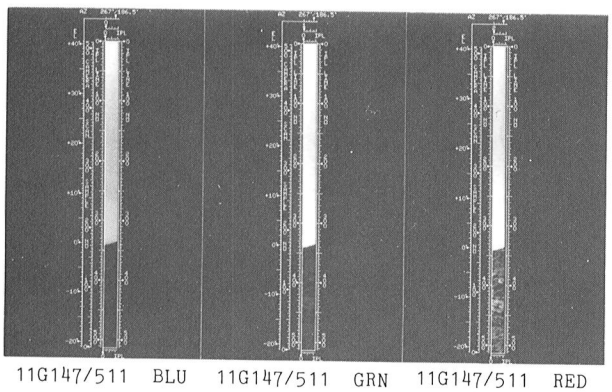
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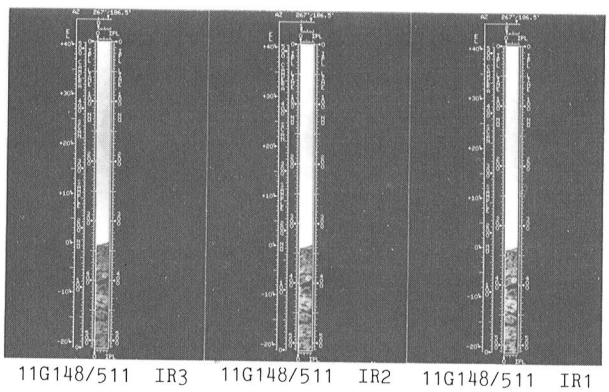
11G145/511 IR3 11G145/511 IR2 11G145/511 IR1



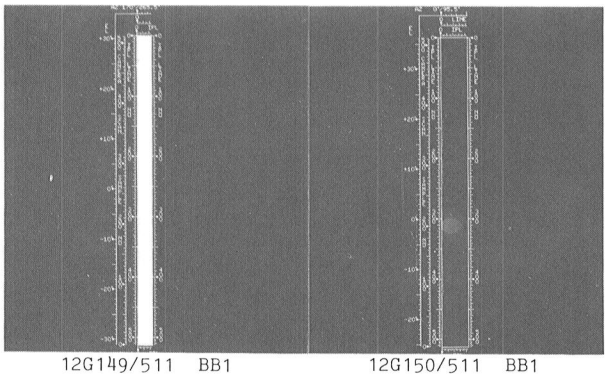
11G146/511 SUN



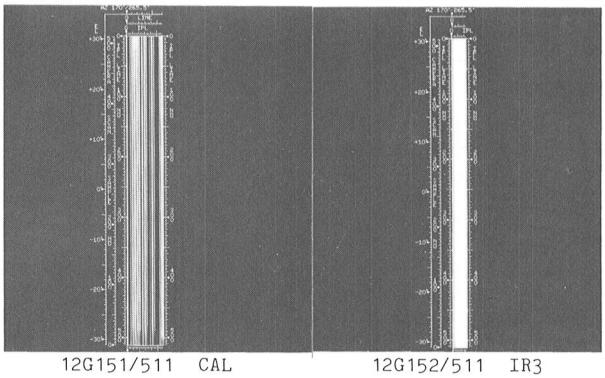
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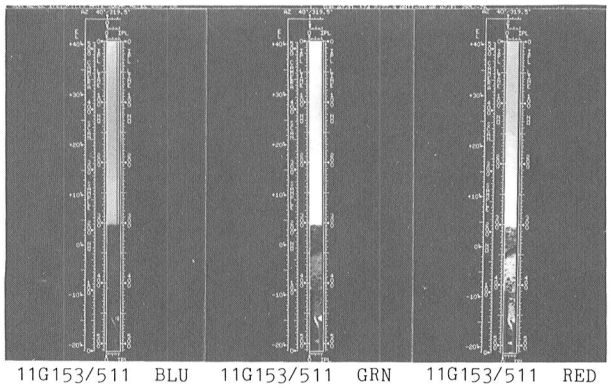
11G148/511 IR3 11G148/511 IR2 11G148/511 IR1



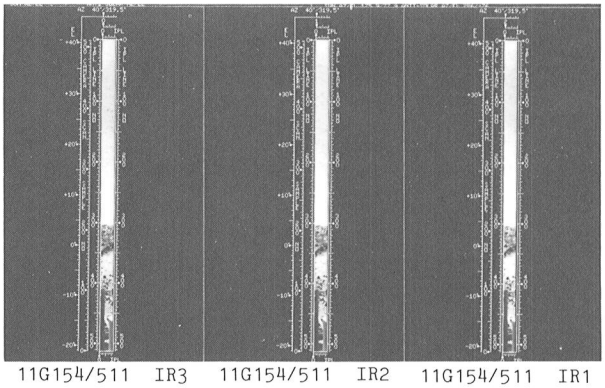
12G149/511 BB1 12G150/511 BB1



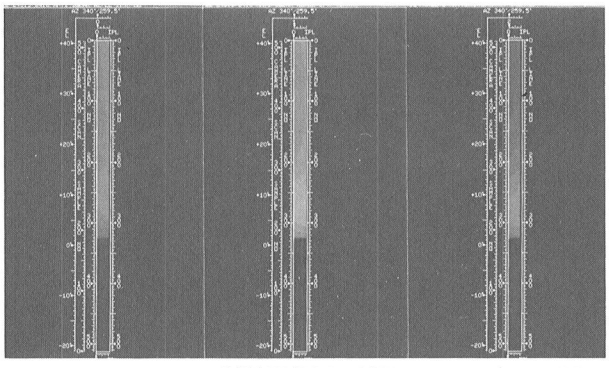
12G151/511 CAL 12G152/511 IR3



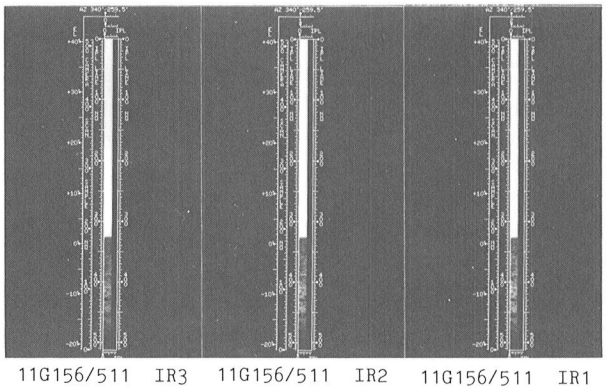
11G153/511 BLU 11G153/511 GRN 11G153/511 RED



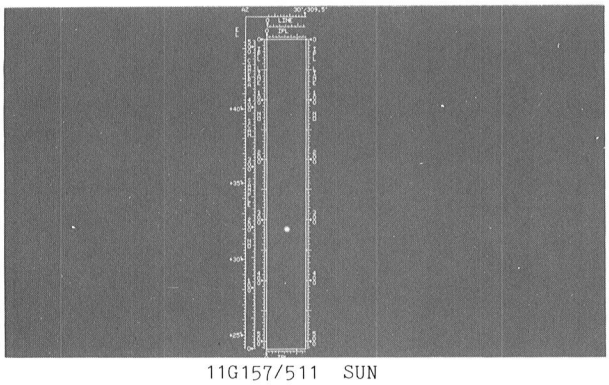
11G154/511 IR3 11G154/511 IR2 11G154/511 IR1



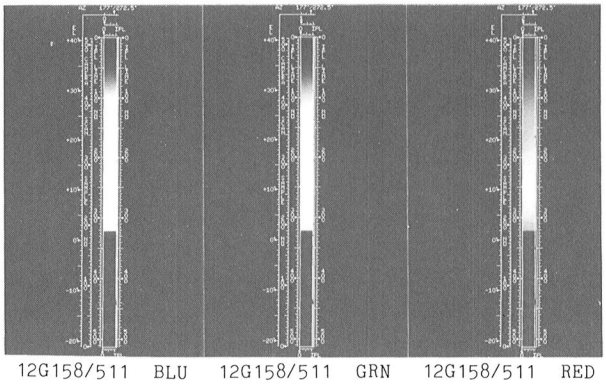
11G155/511 BLU 11G155/511 GRN 11G155/511 RED



11G156/511 IR3 11G156/511 IR2 11G156/511 IR1

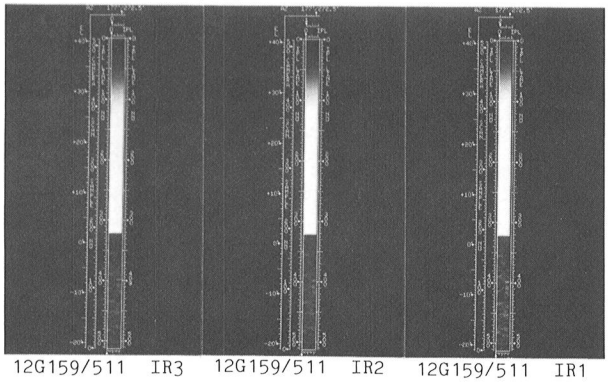


11G157/511 SUN

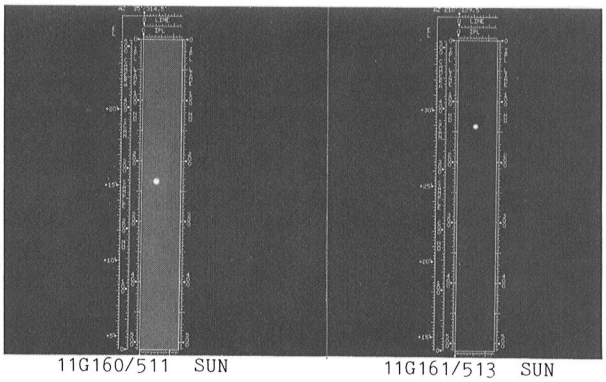


12G158/511 BLU 12G158/511 GRN 12G158/511 RED

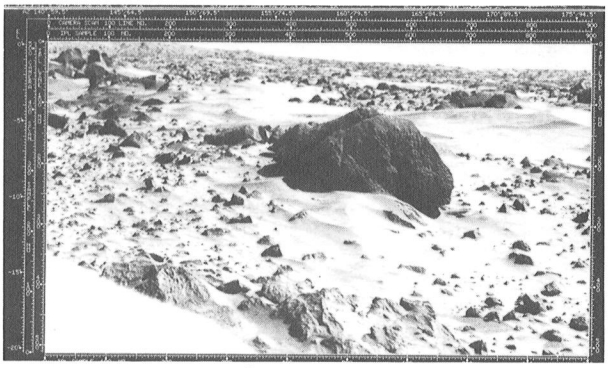
VL-I



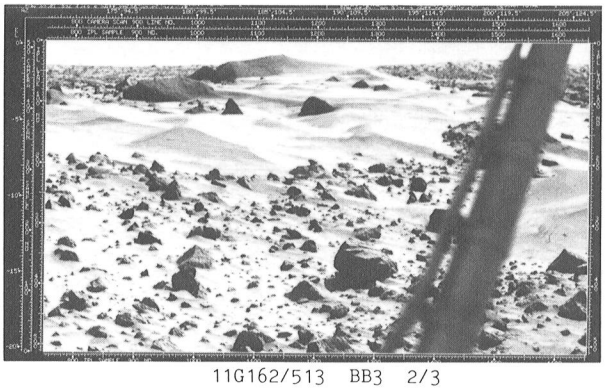
12G159/511 IR3 12G159/511 IR2 12G159/511 IR1



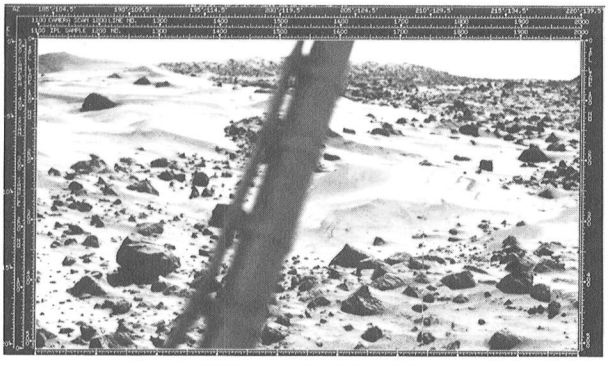
11G160/511 SUN 11G161/513 SUN



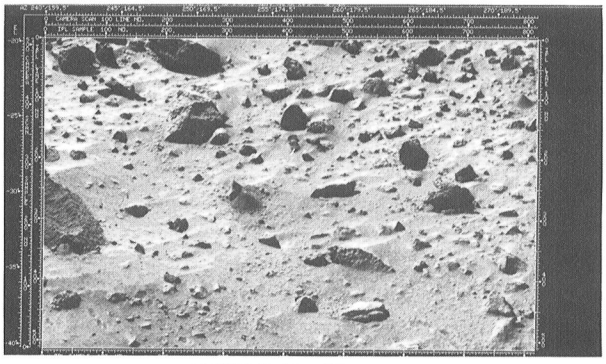
11G162/513 BB3 1/3



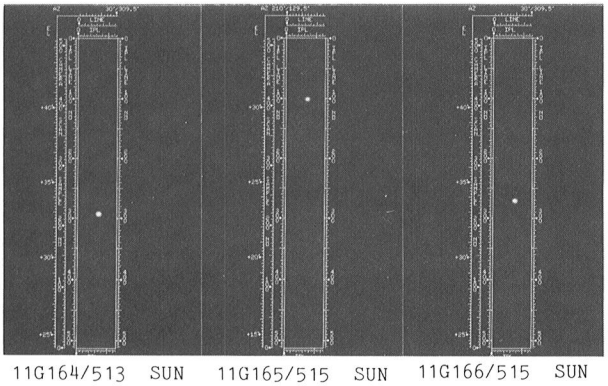
11G162/513 BB3 2/3



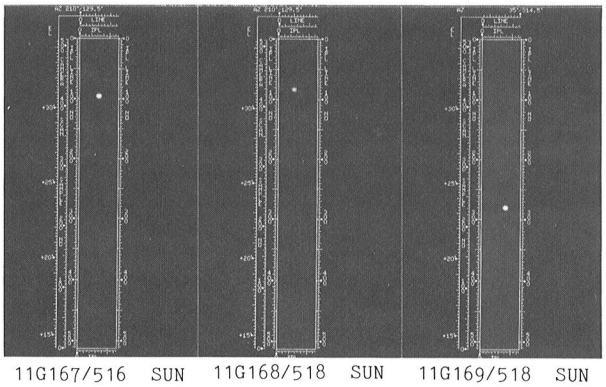
11G162/513 BB3 3/3



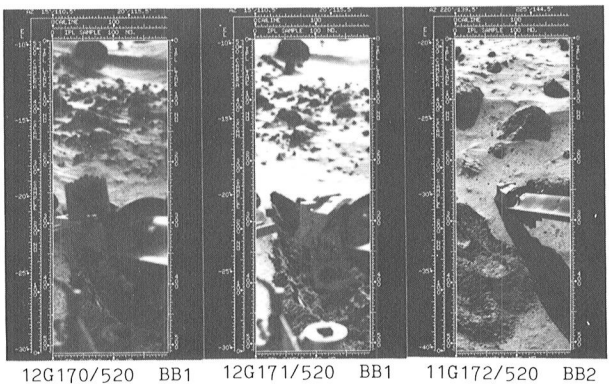
11G163/513 BB2



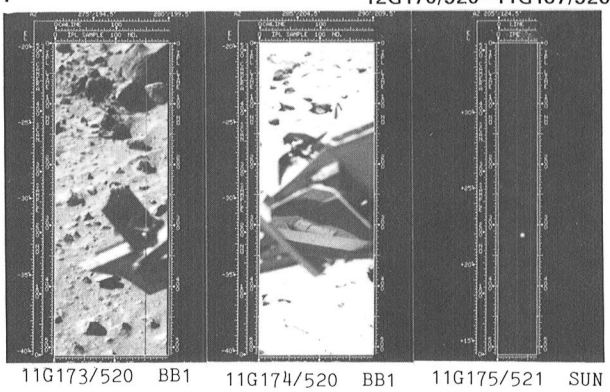
11G164/513 SUN 11G165/515 SUN 11G166/515 SUN



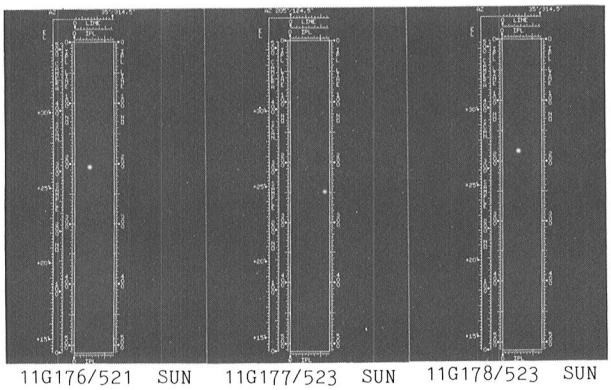
11G167/516 SUN 11G168/518 SUN 11G169/518 SUN



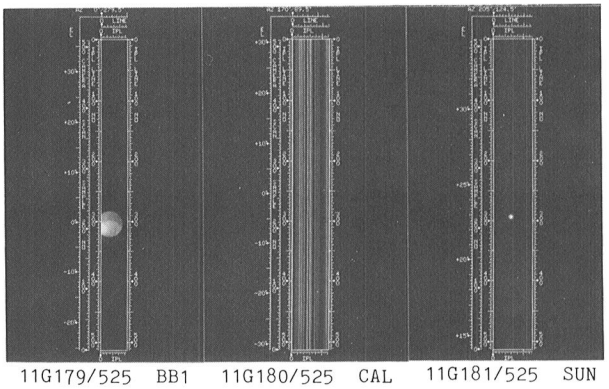
12G170/520 BB1 12G171/520 BB1 11G172/520 BB2



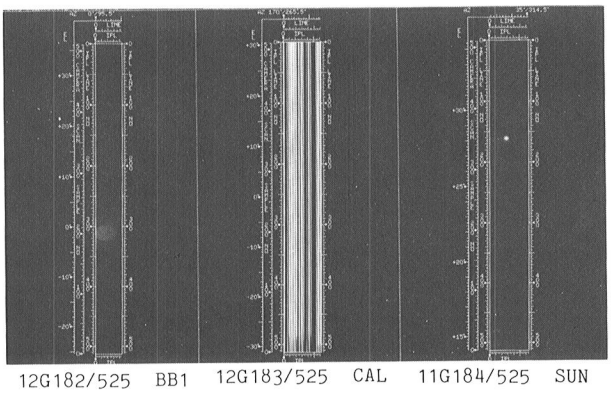
11G173/520 BB1 11G174/520 BB1 11G175/521 SUN



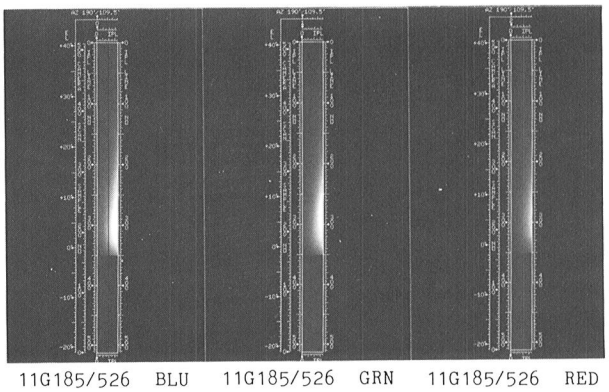
11G176/521 SUN 11G177/523 SUN 11G178/523 SUN



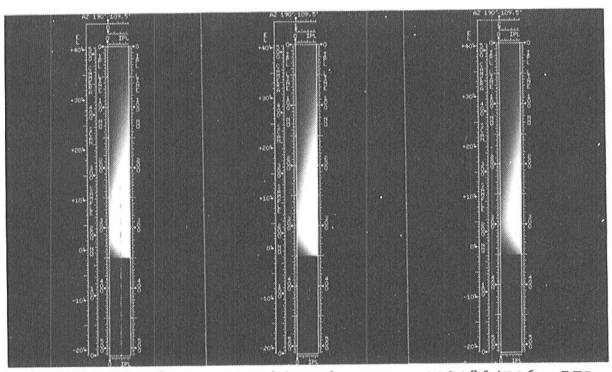
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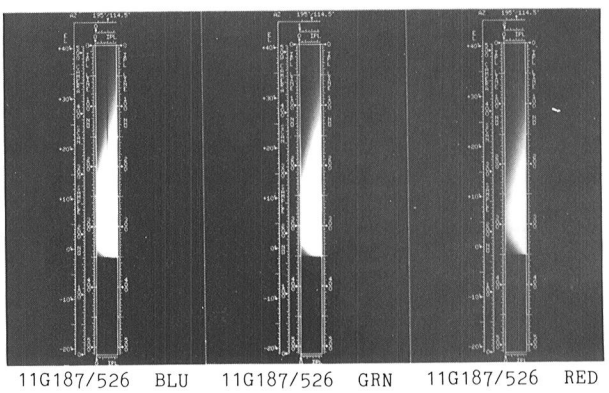
12G182/525 BB1 12G183/525 CAL 11G184/525 SUN



11G185/526 BLU 11G185/526 GRN 11G185/526 RED

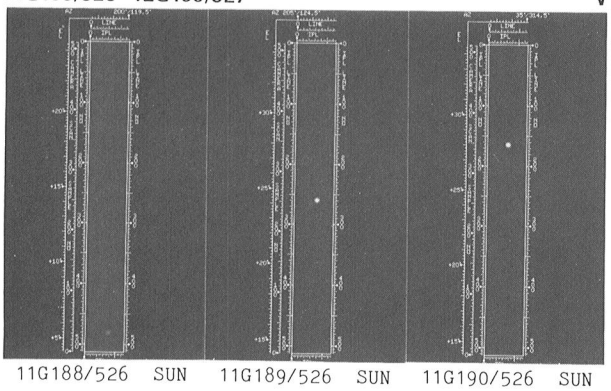


11G186/526 BLU 11G186/526 GRN 11G186/526 RED

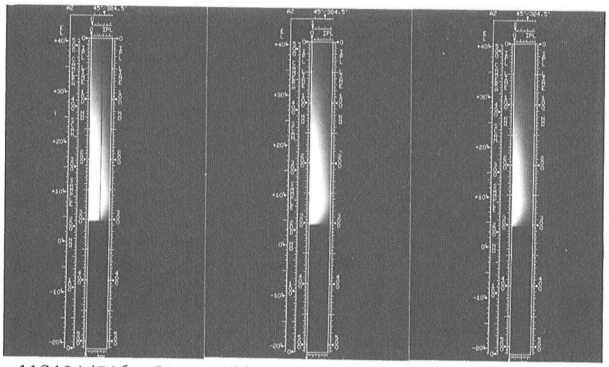


11G187/526 BLU 11G187/526 GRN 11G187/526 RED

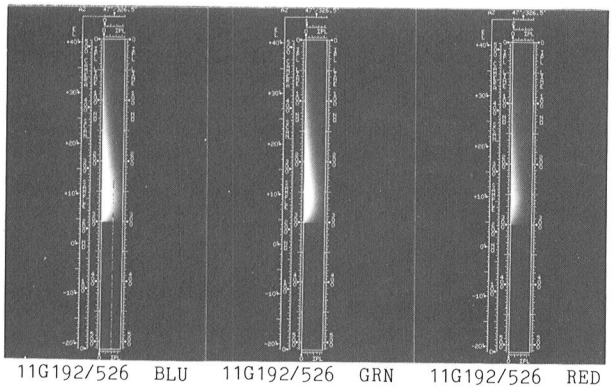
VL-I



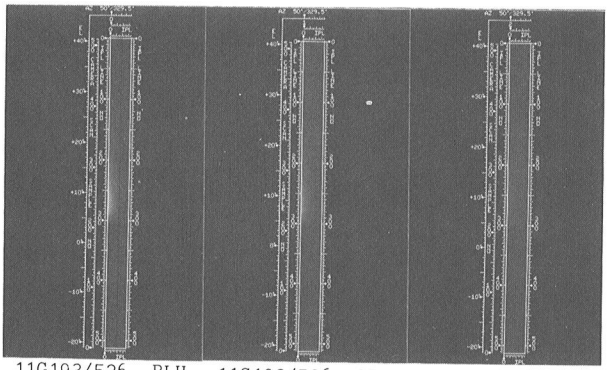
11G188/526 SUN 11G189/526 SUN 11G190/526 SUN



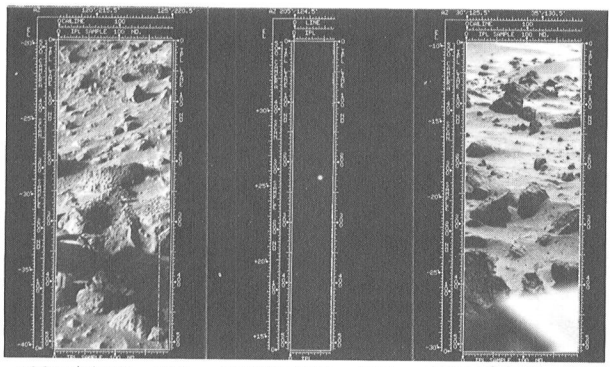
11G191/526 BLU 11G191/526 GRN 11G191/526 RED



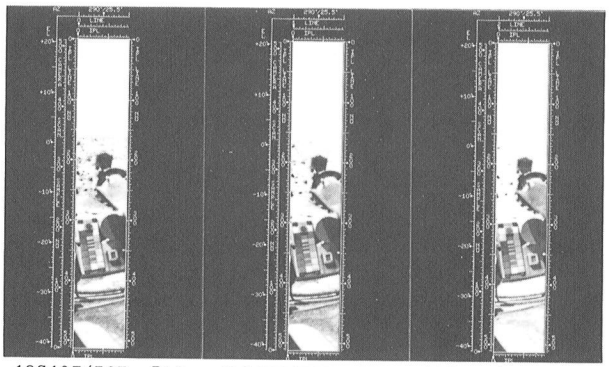
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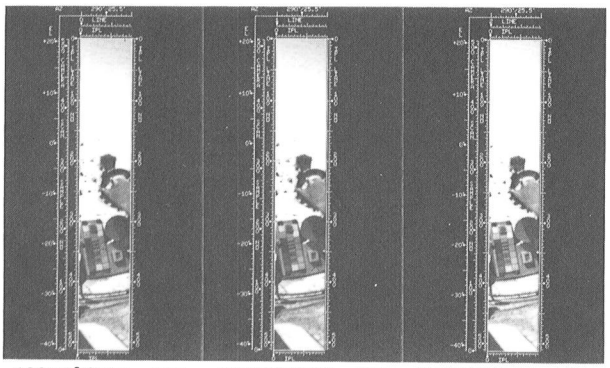
11G193/526 BLU 11G193/526 GRN 11G193/526 RED



12G194/527 BB2 11G195/527 SUN 12G196/527 BB3



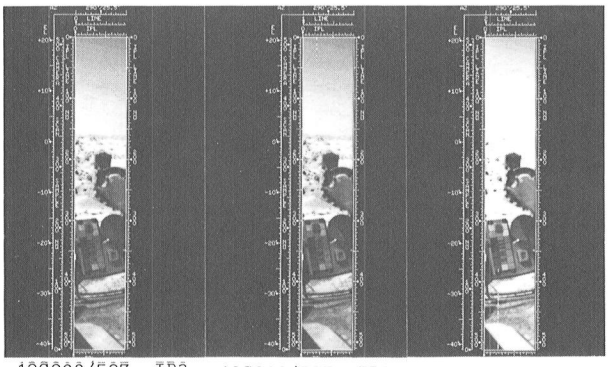
12G197/527 BLU 12G197/527 GRN 12G197/527 RED



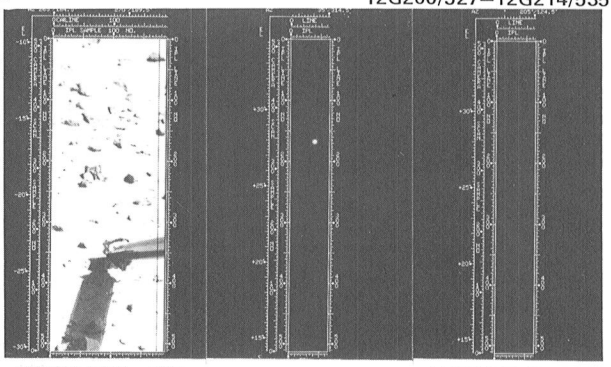
12G198/527 IR3 12G198/527 IR2 12G198/527 IR1



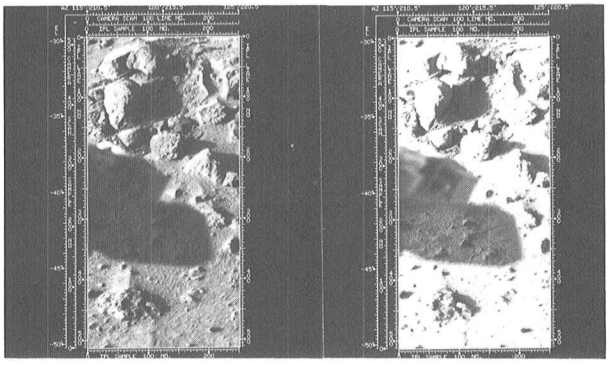
12G199/527 BLU 12G199/527 GRN 12G199/527 RED



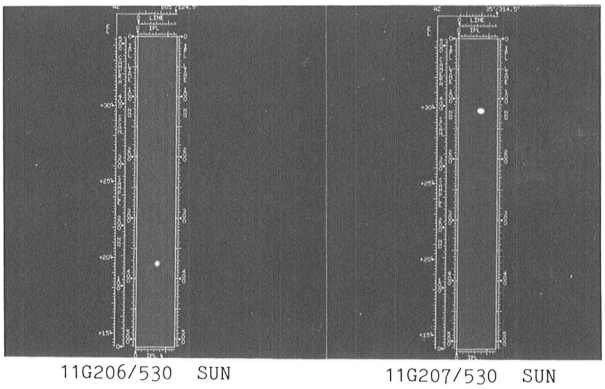
12G200/527 IR3 12G200/527 IR2 12G200/527 IR1



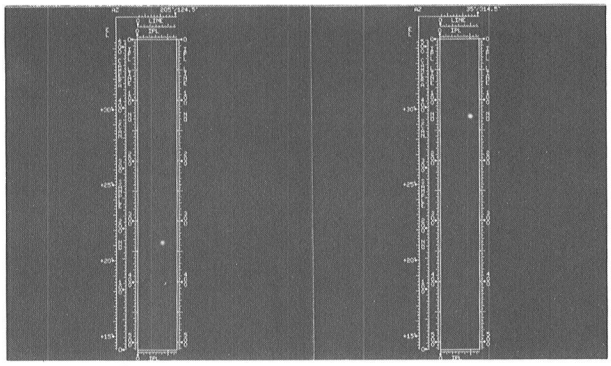
11G201/527 BB2 11G202/527 SUN 11G203/528 SUN



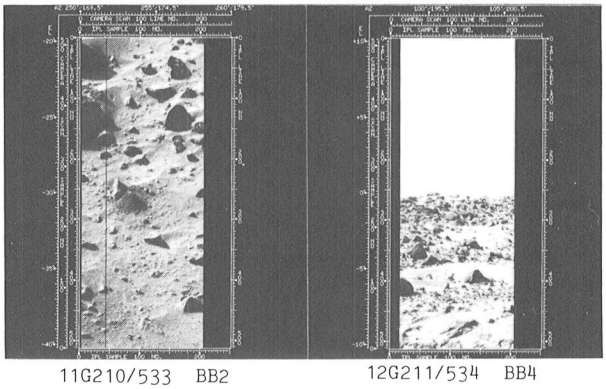
12G204/528 BB1 12G205/528 BB1



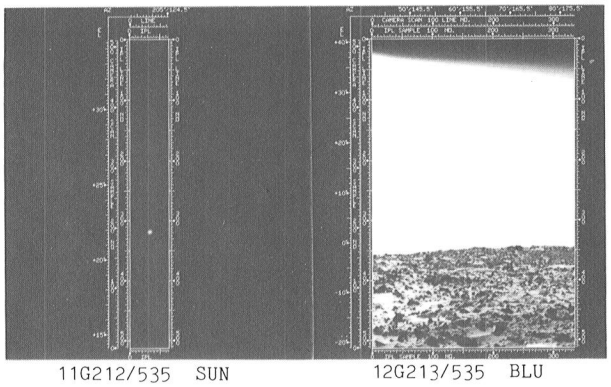
11G206/530 SUN 11G207/530 SUN



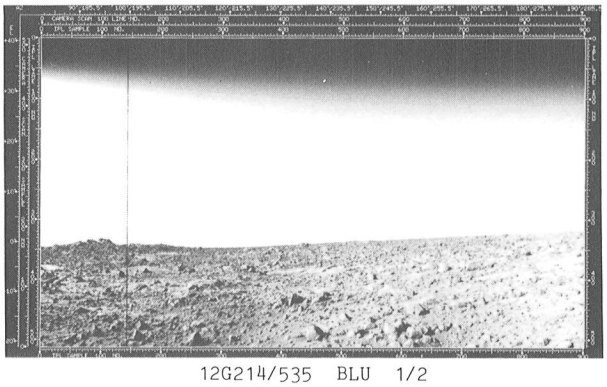
11G208/532 SUN 11G209/532 SUN



11G210/533 BB2 12G211/534 BB4

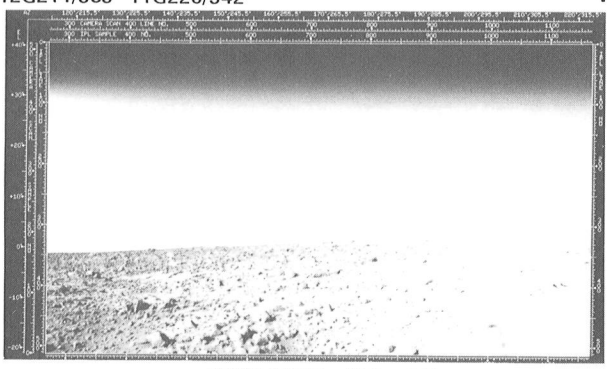


11G212/535 SUN 12G213/535 BLU

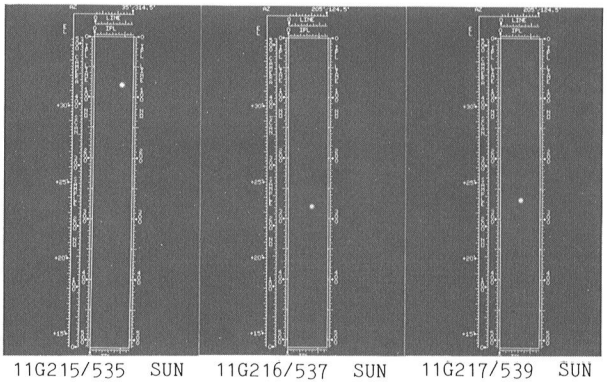


12G214/535 BLU 1/2

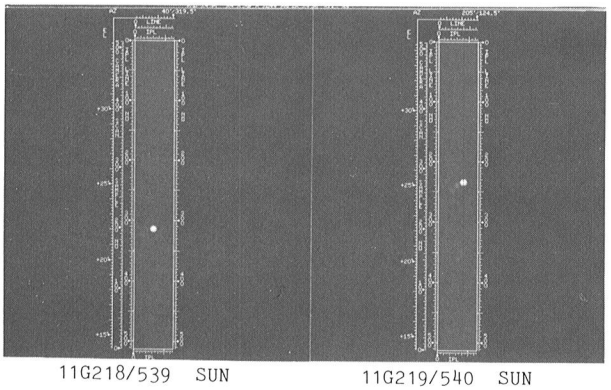
VL-I



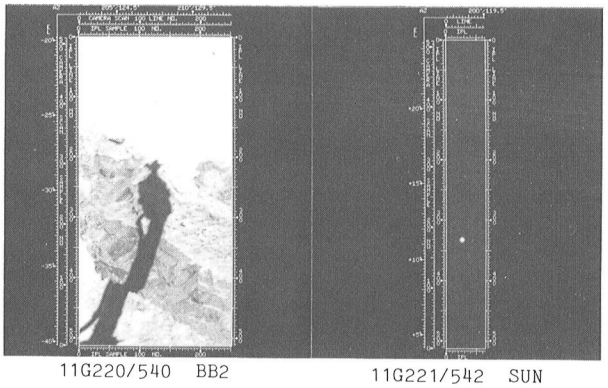
12G214/535 BLU 2/2



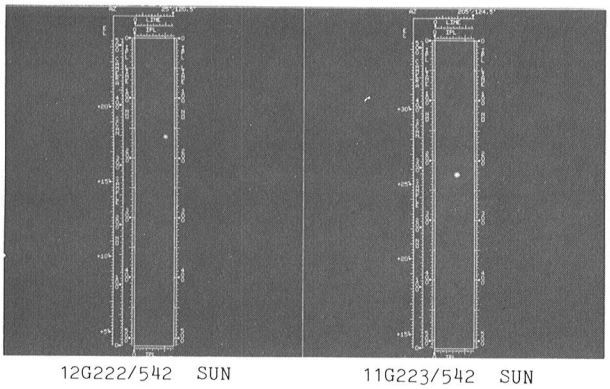
11G215/535 SUN 11G216/537 SUN 11G217/539 SUN



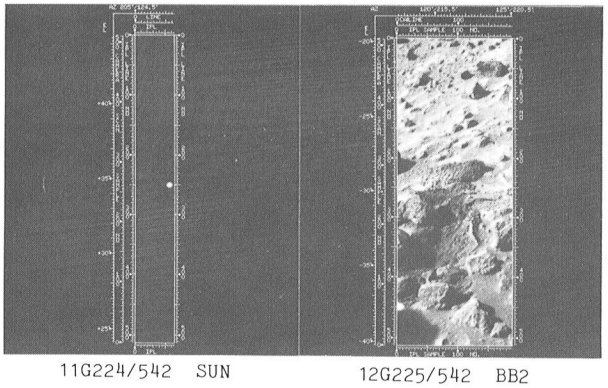
11G218/539 SUN 11G219/540 SUN



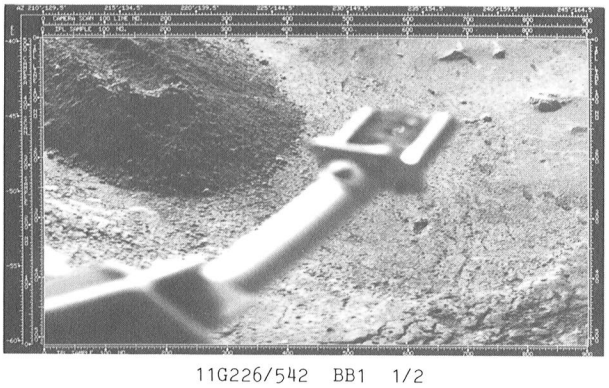
11G220/540 BB2 11G221/542 SUN



12G222/542 SUN 11G223/542 SUN



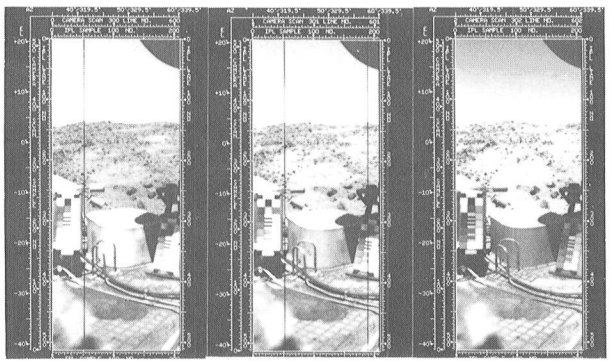
11G224/542 SUN 12G225/542 BB2



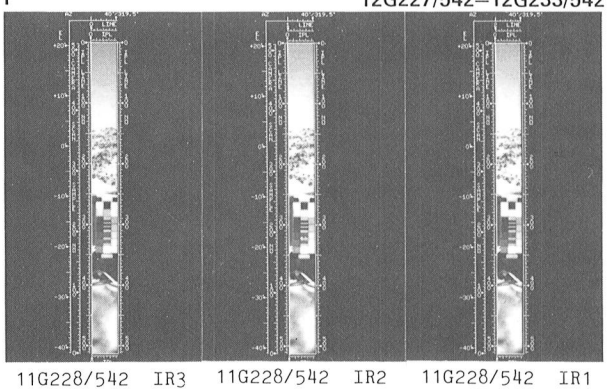
11G226/542 BB1 1/2



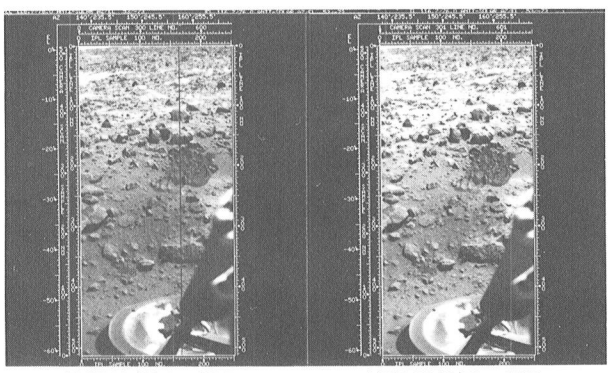
11G226/542 BB1 2/2



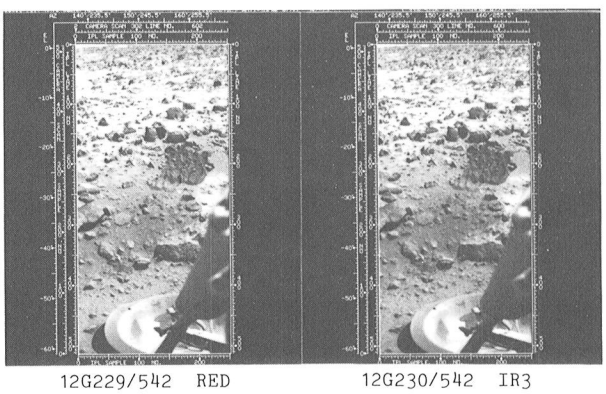
11G227/542 BLU 11G227/542 GRN 11G227/542 RED



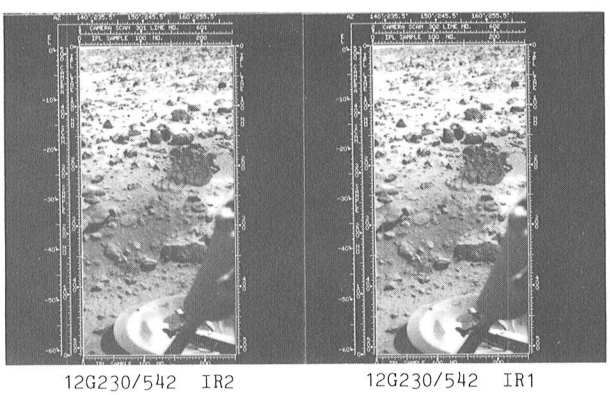
11G228/542 IR3 11G228/542 IR2 11G228/542 IR1



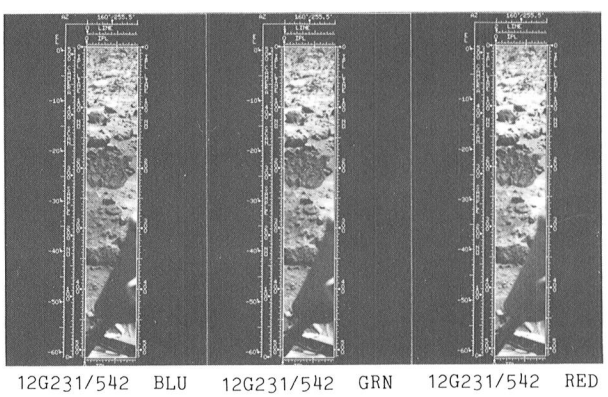
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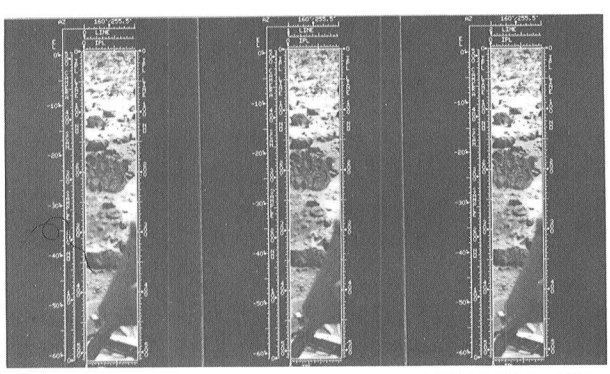
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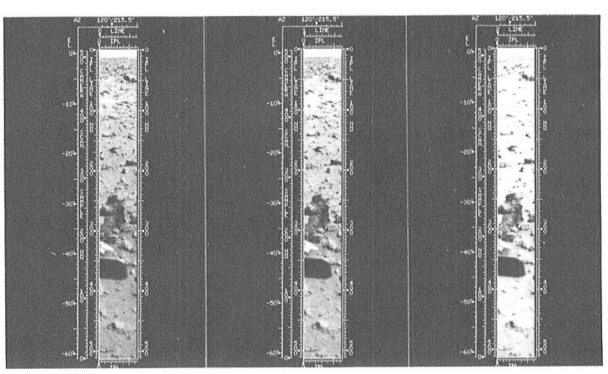
12G230/542 IR2 12G230/542 IR1



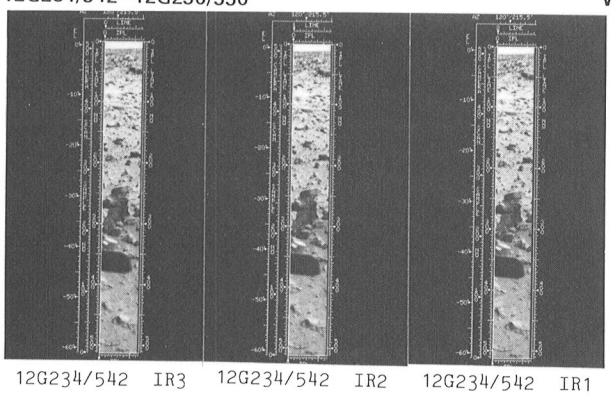
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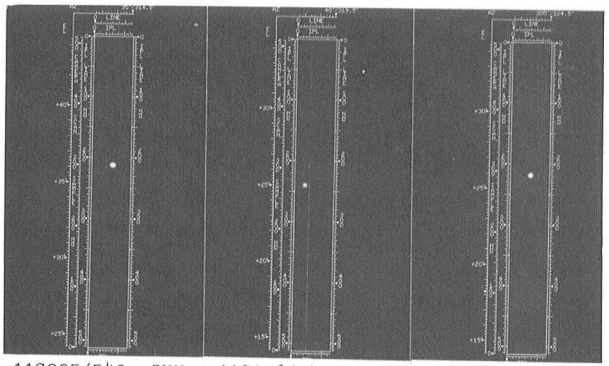
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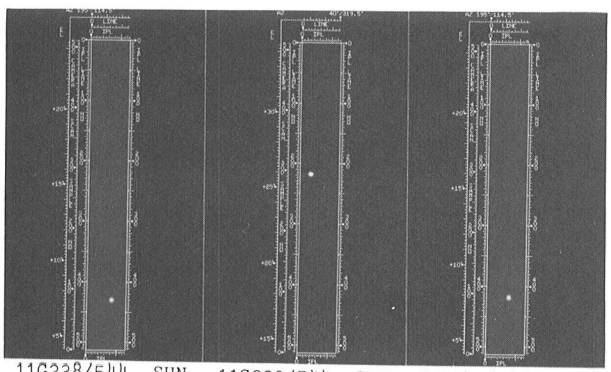
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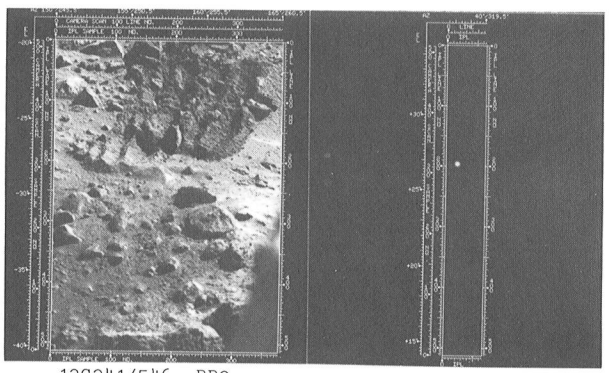
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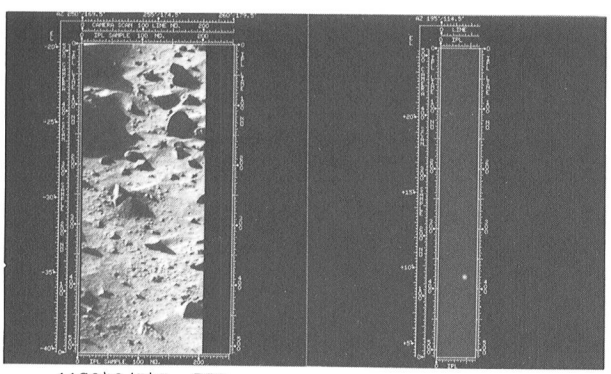
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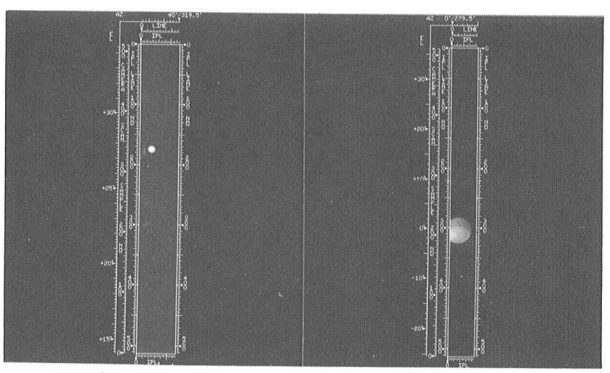
11G238/544 SUN 11G239/544 SUN 11G240/546 SUN



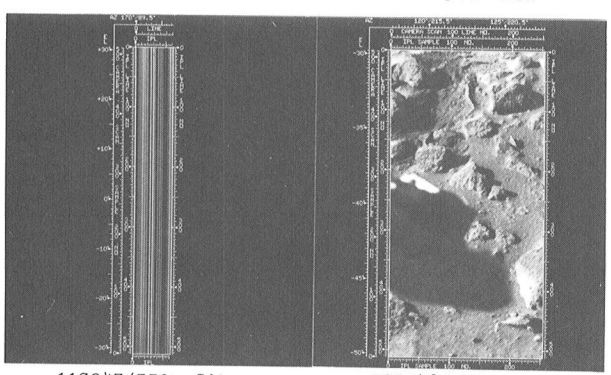
12G241/546 BB2 11G242/546 SUN



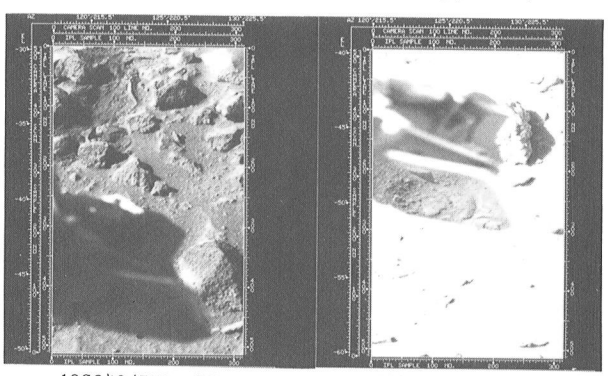
11G243/547 BB2 11G244/548 SUN



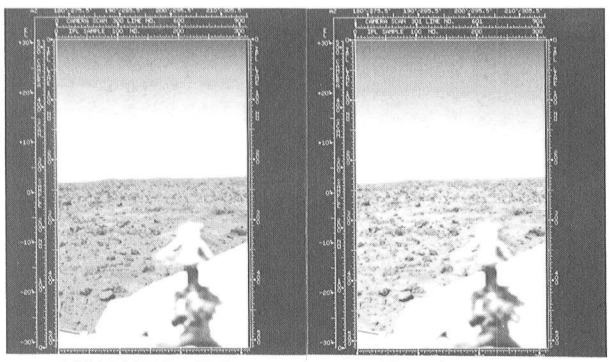
11G245/548 SUN 11G246/550 BB1



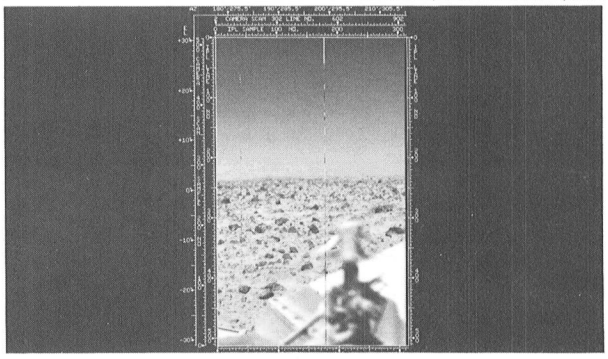
11G247/550 CAL 12G248/550 BB1



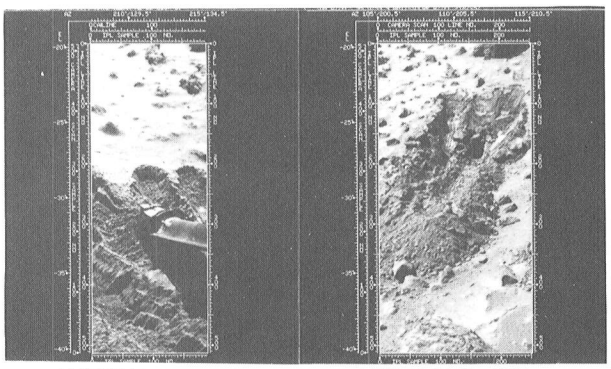
12G249/550 BB1 12G250/550 BB1



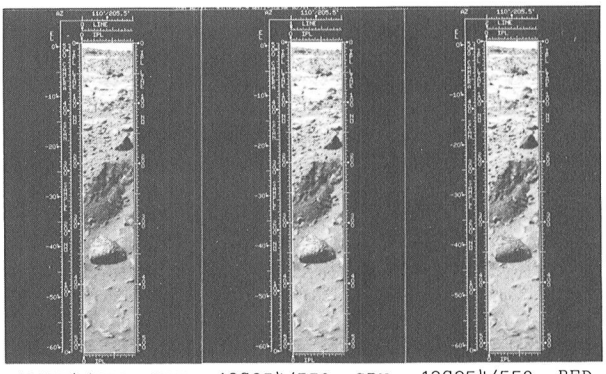
12G251/550 BLU 12G251/550 GRN



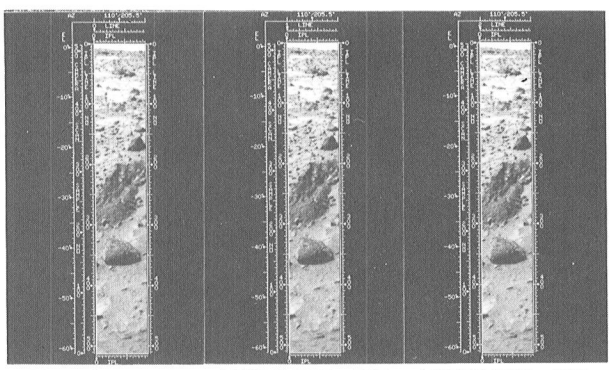
12G251/550 RED



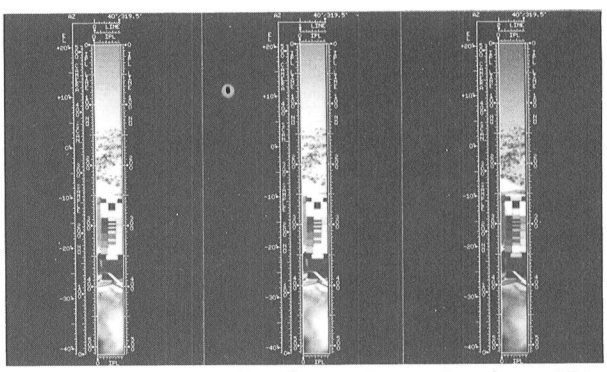
11G252/550 BB2 12G253/550 BB2



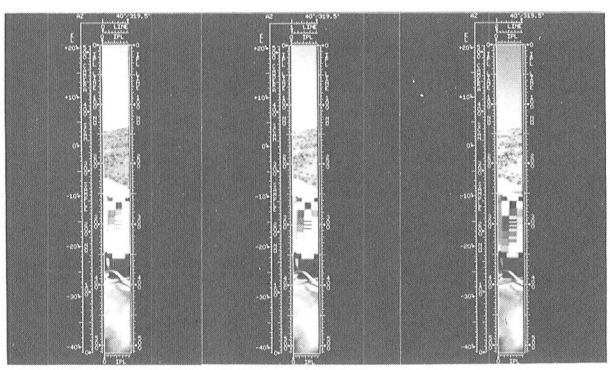
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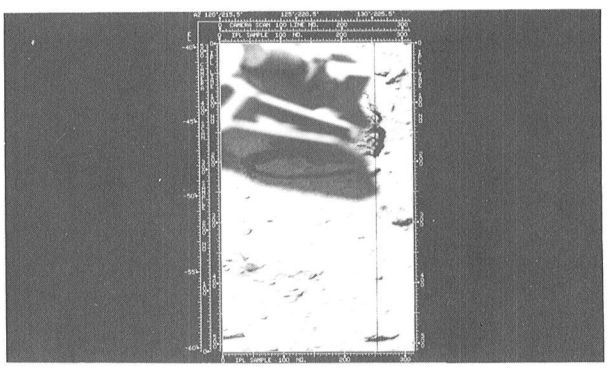
12G255/550 IR3 12G255/550 IR2 12G255/550 IR1



11H000/550 IR3 11H000/550 IR2 11H000/550 IR1

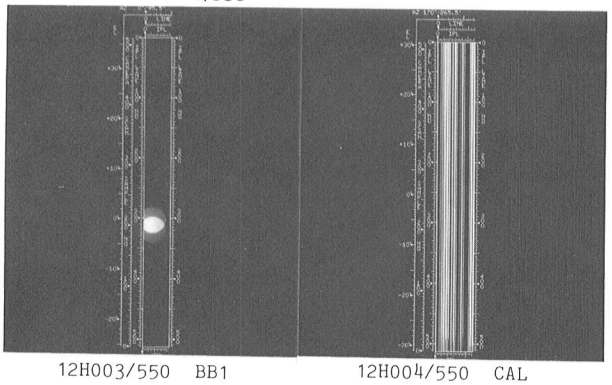


11H001/550 BLU 11H001/550 GRN 11H001/550 RED

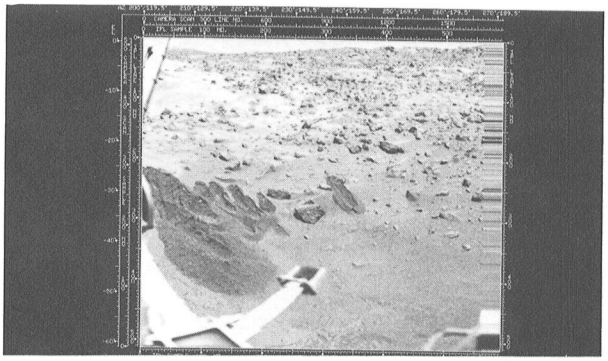


12H002/550 BB1

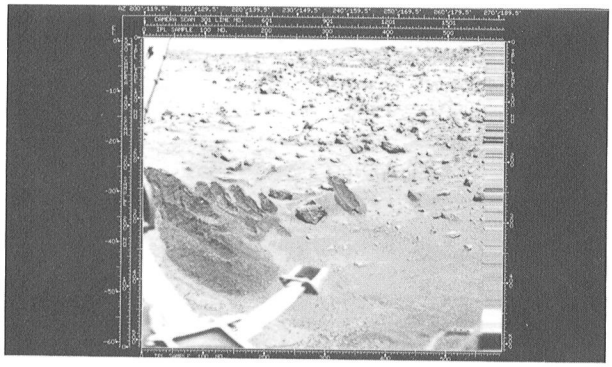
VL-I



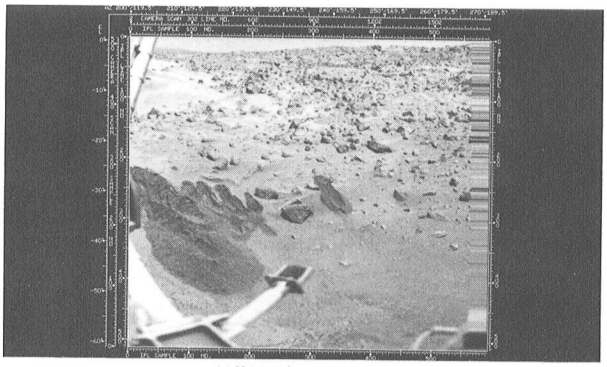
12H003/550 BB1 12H004/550 CAL



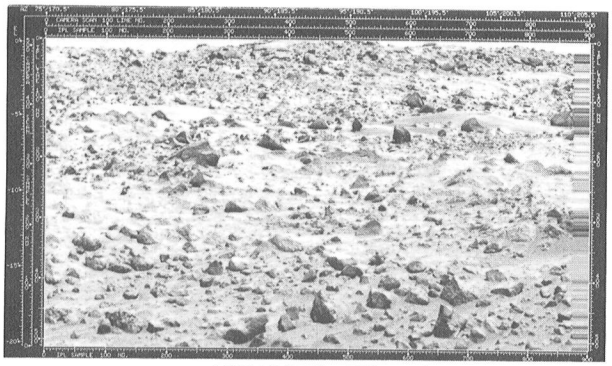
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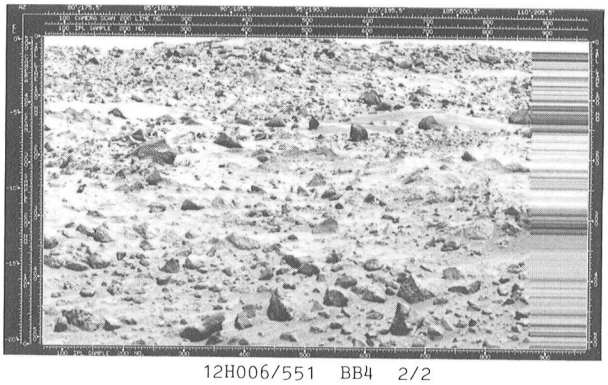
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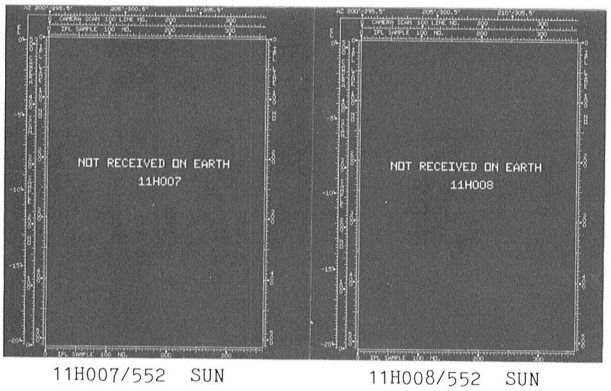
11H005/551 RED



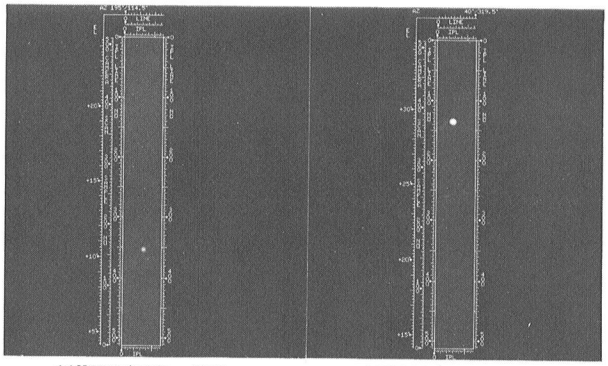
12H006/551 BB4 1/2



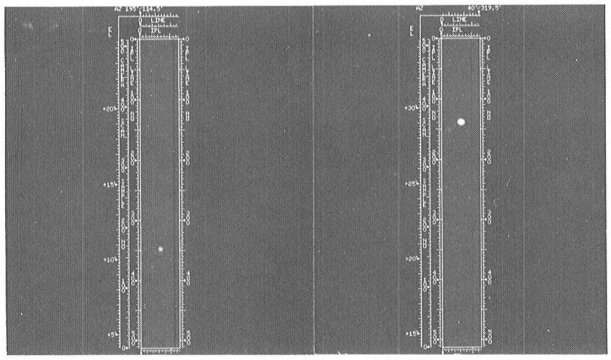
12H006/551 BB4 2/2



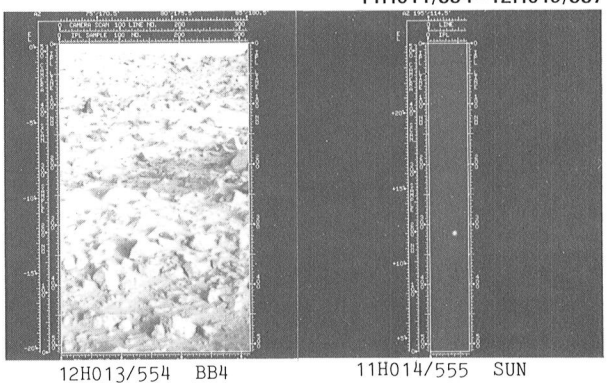
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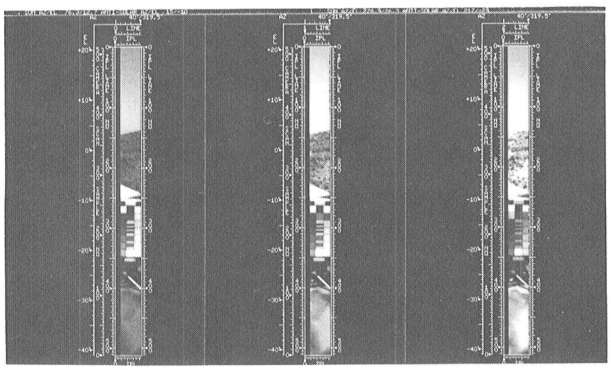
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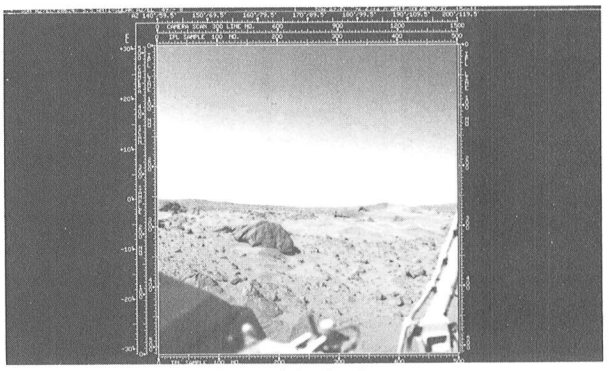
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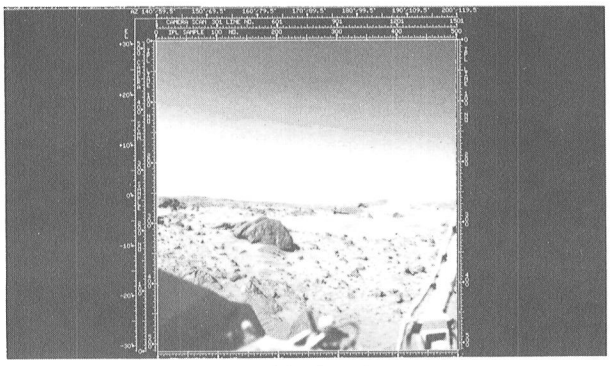
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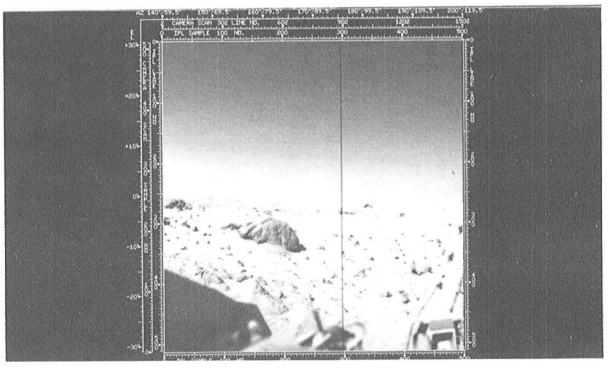
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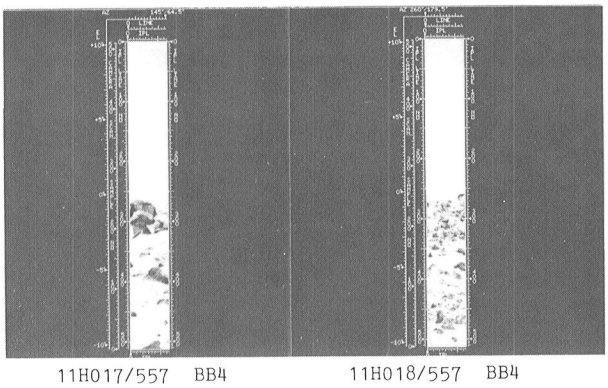
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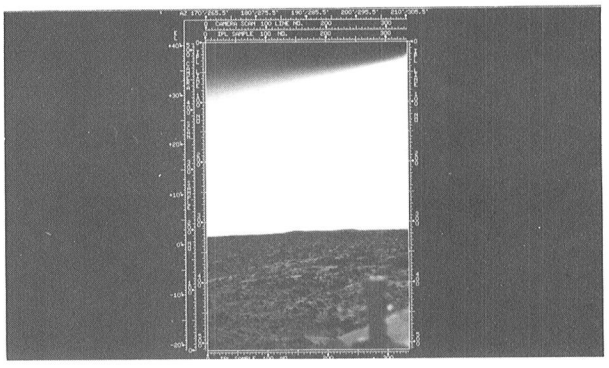
11H016/556 GRN



11H016/556 RED

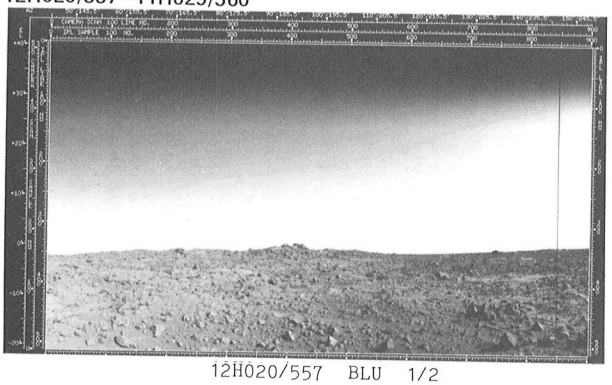


11H017/557 BB4 11H018/557 BB4

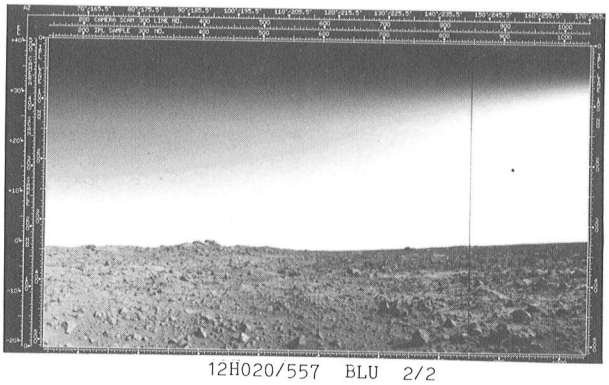


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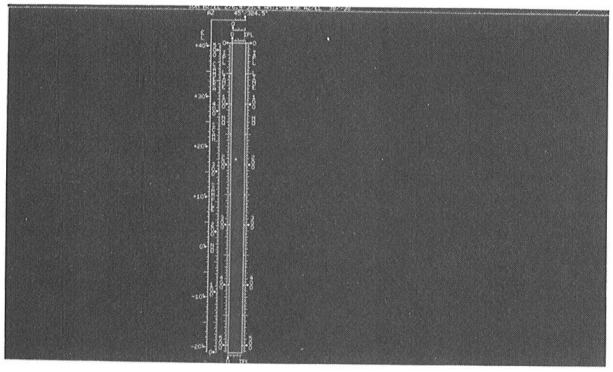
VL-I



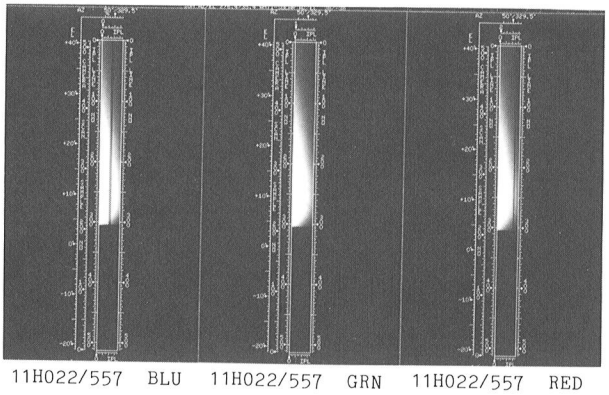
12H020/557 BLU 1/2



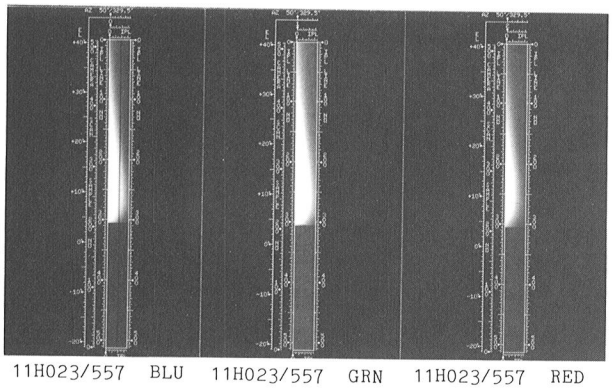
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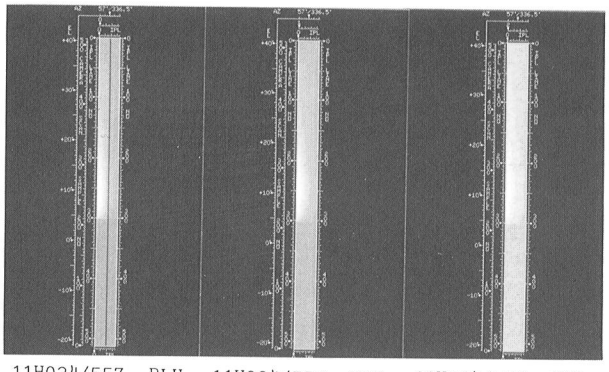
11H021/557 SUN



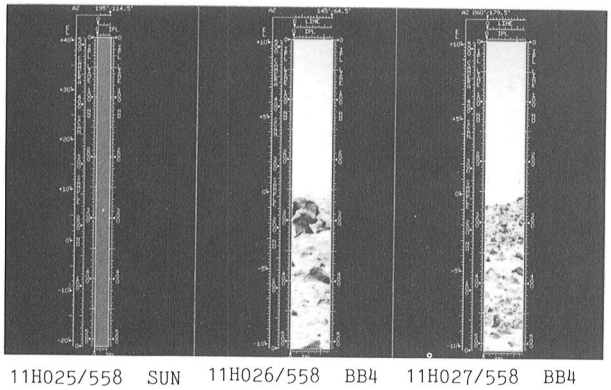
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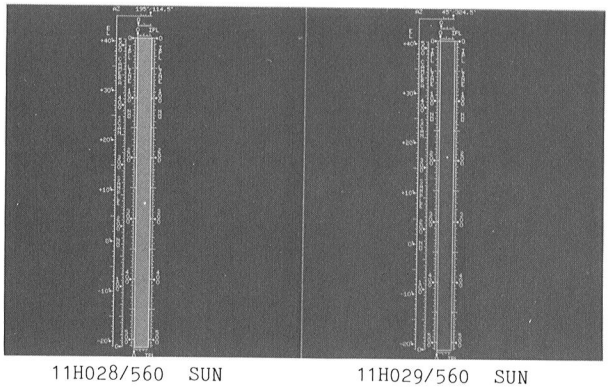
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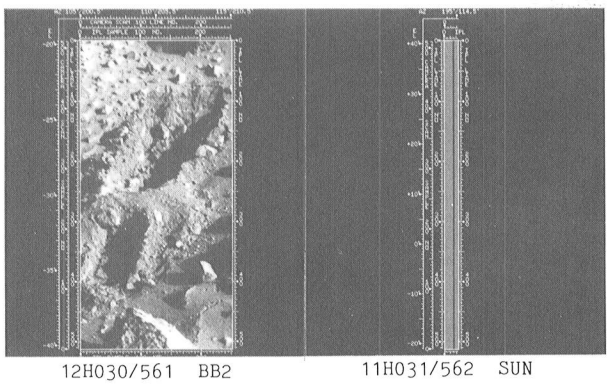
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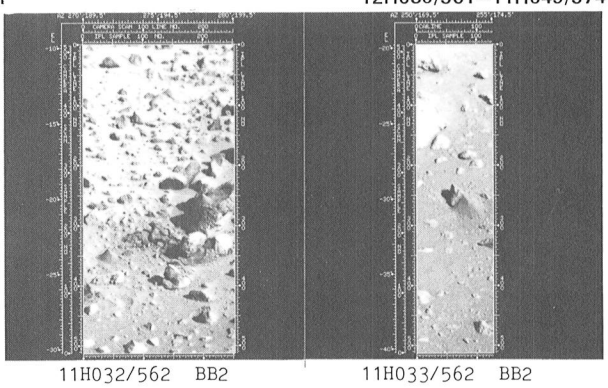
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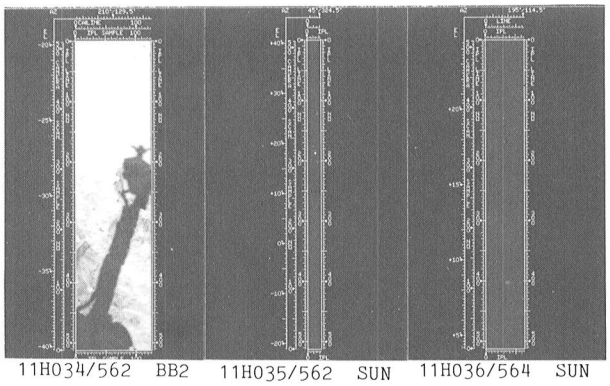
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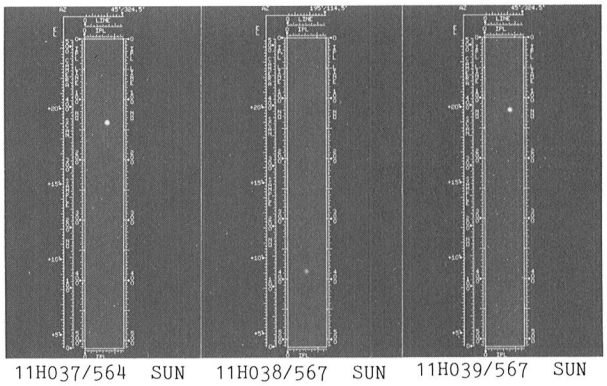
12H030/561 BB2 11H031/562 SUN



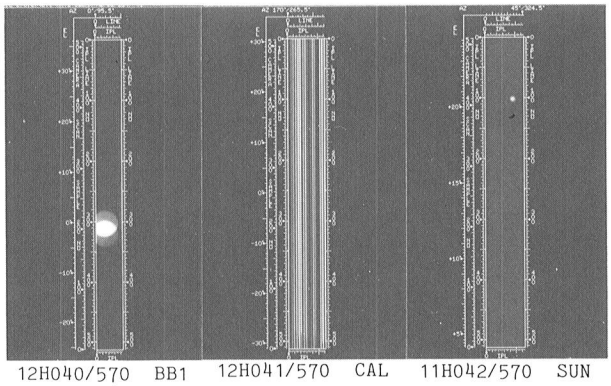
11H032/562 BB2 11H033/562 BB2



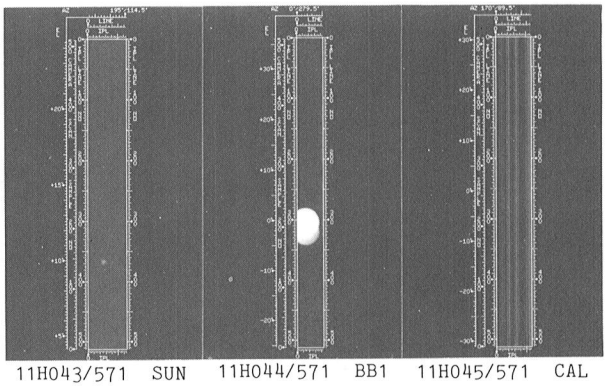
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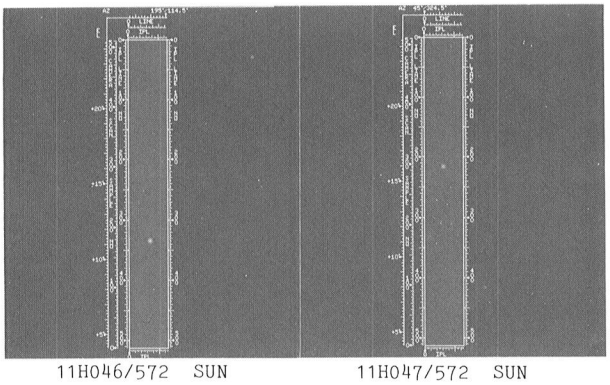
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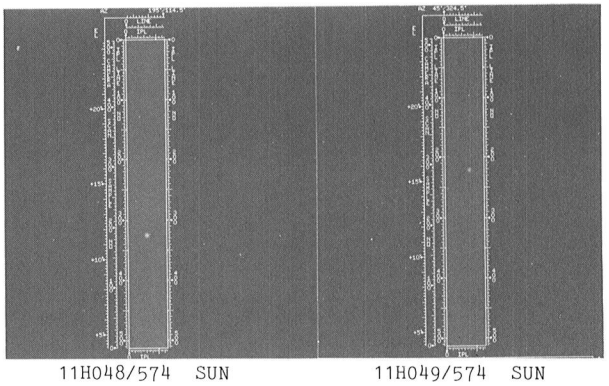
12H040/570 BB1 12H041/570 CAL 11H042/570 SUN



11H043/571 SUN 11H044/571 BB1 11H045/571 CAL

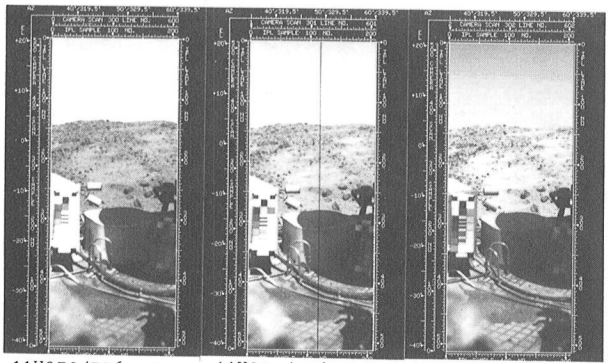


11H046/572 SUN 11H047/572 SUN

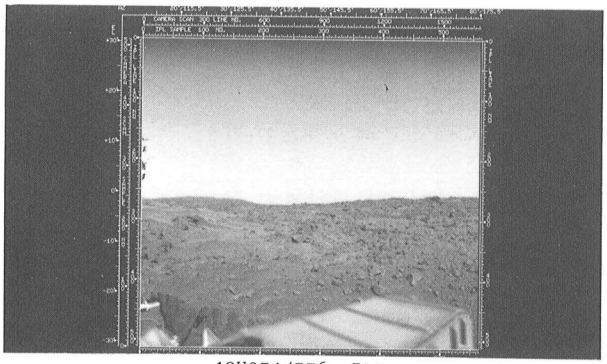


11H048/574 SUN 11H049/574 SUN

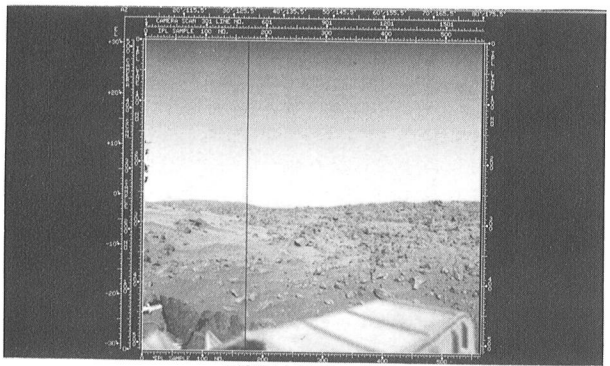
VL-I



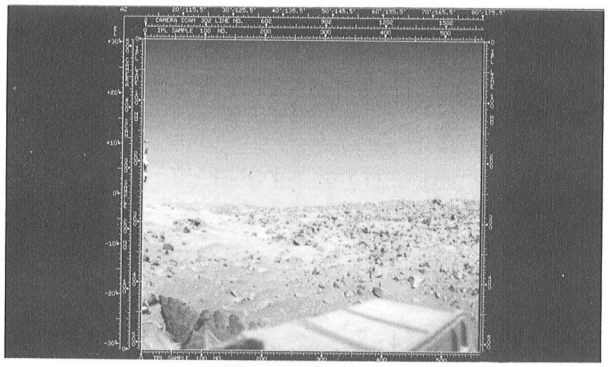
11H050/576 BLU 11H050/576 GRN 11H050/576 RED



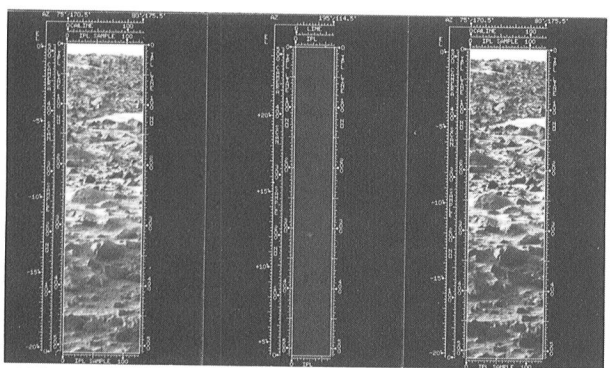
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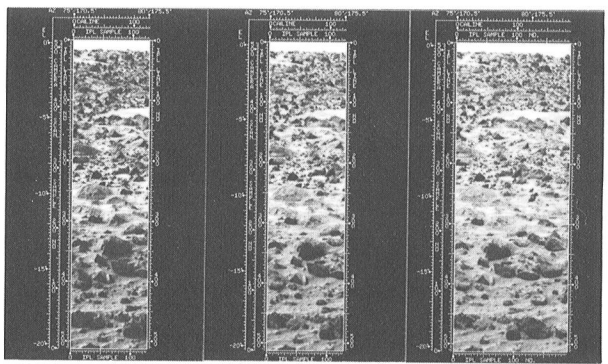
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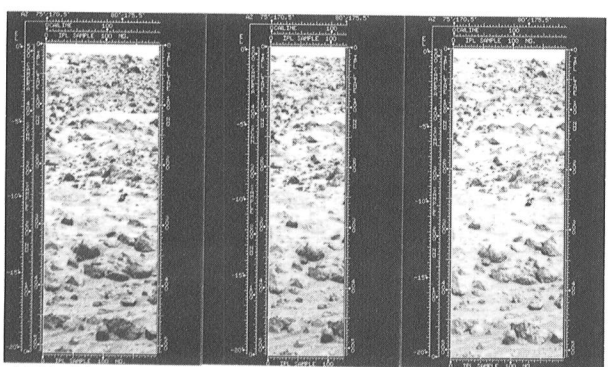
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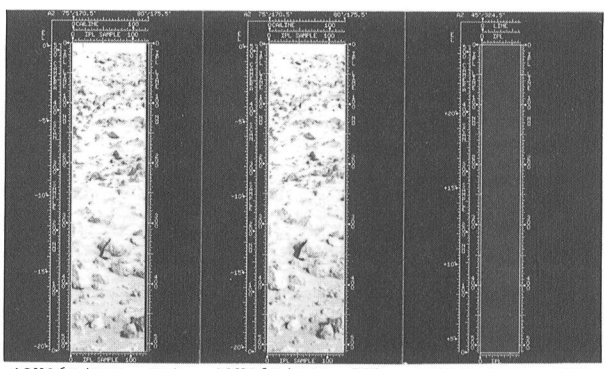
12H052/577 BB4 11H053/577 SUN 12H054/577 BB4



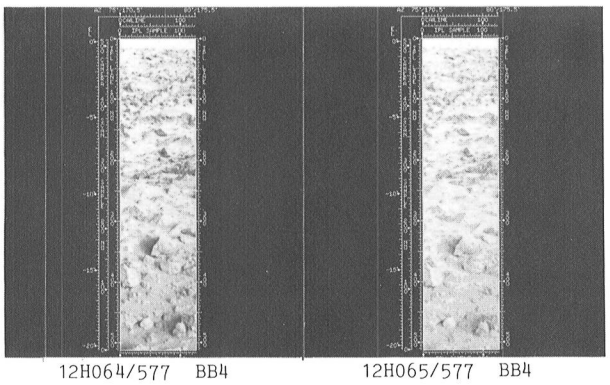
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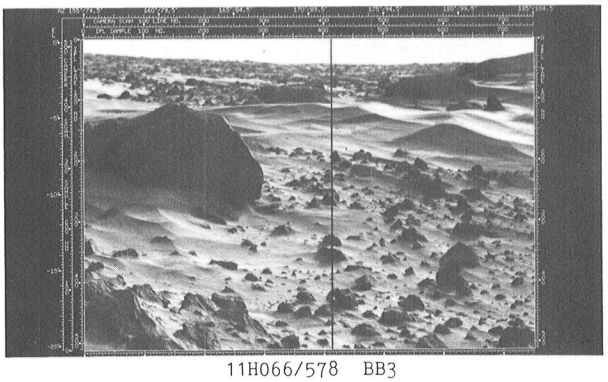
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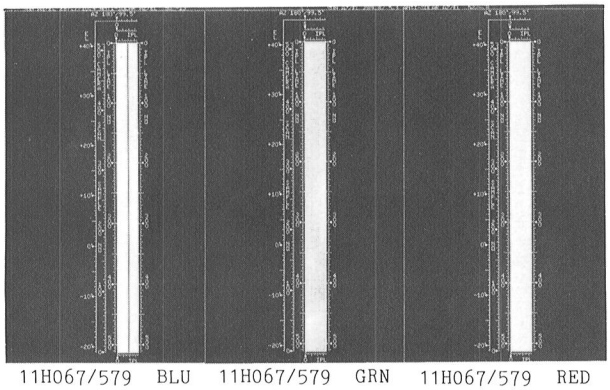
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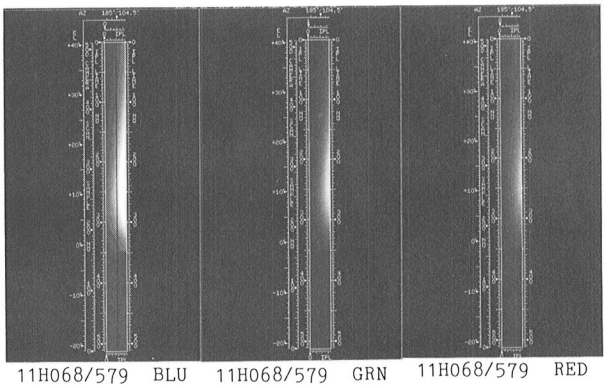
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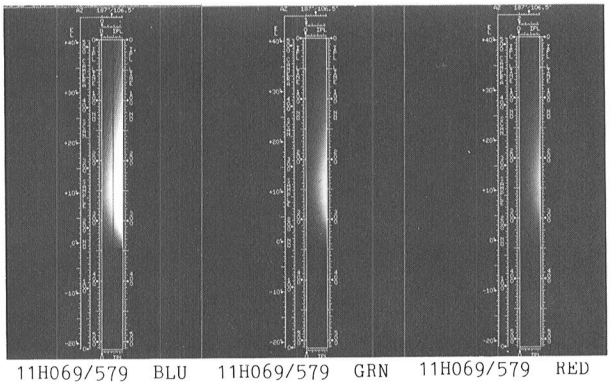
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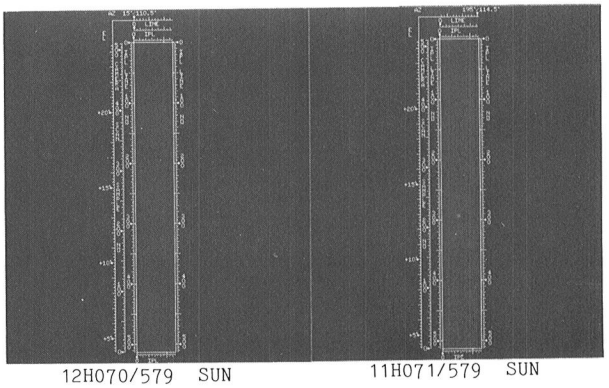
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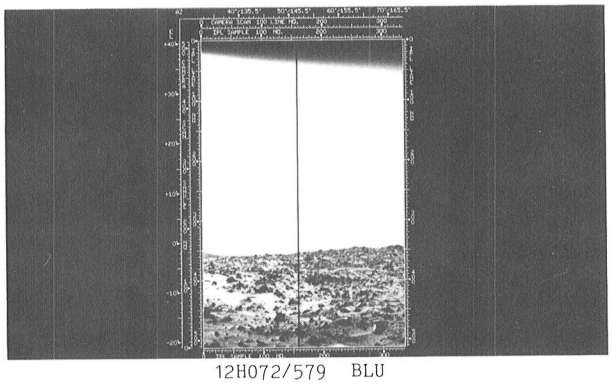
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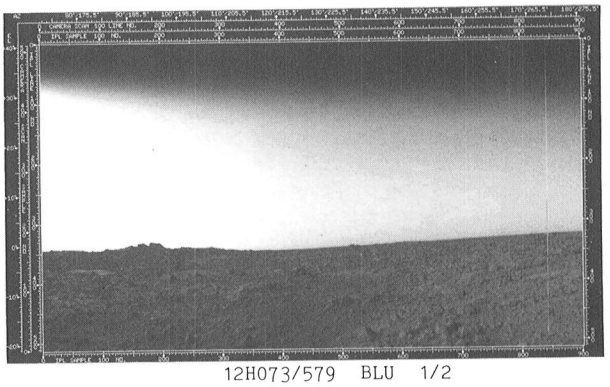
11H069/579 BLU 11H069/579 GRN 11H069/579 RED



12H070/579 SUN 11H071/579 SUN

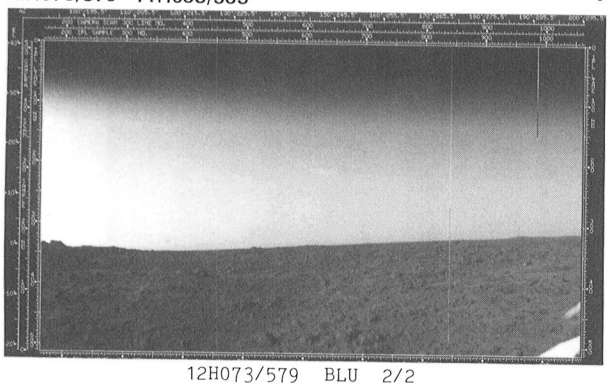


12H072/579 BLU

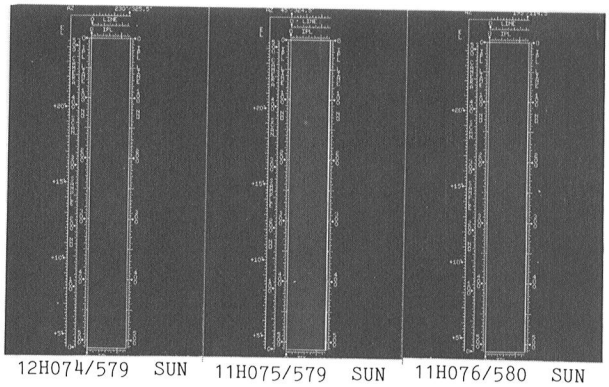


12H073/579 BLU 1/2

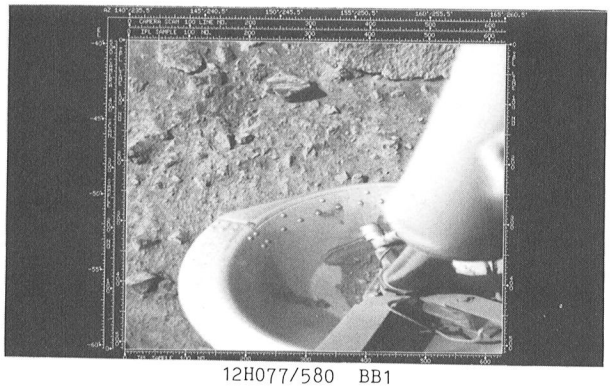
VL-I



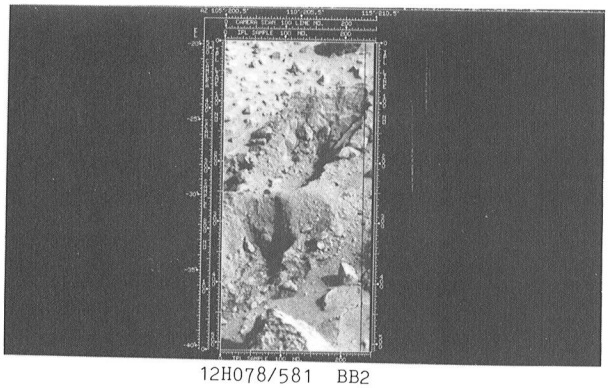
12H073/579 BLU 2/2



12H074/579 SUN 11H075/579 SUN 11H076/580 SUN



12H077/580 BB1



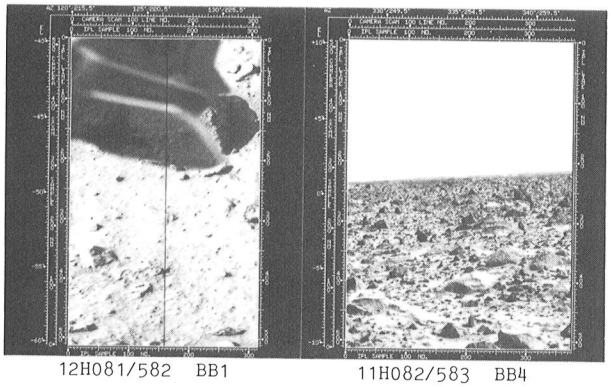
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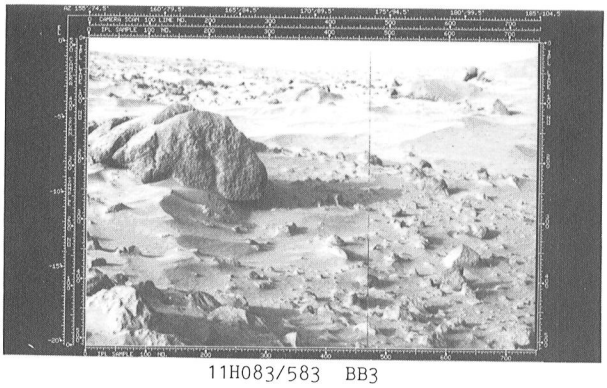
11H079/582 BB3



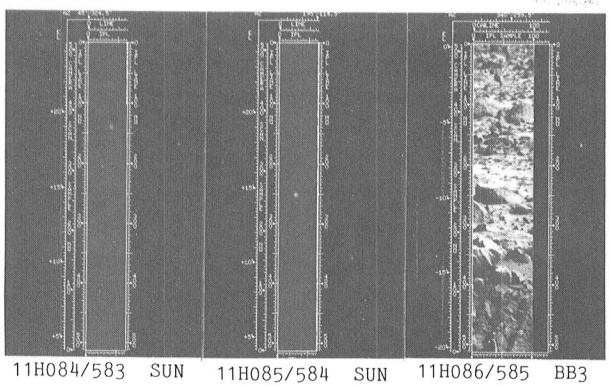
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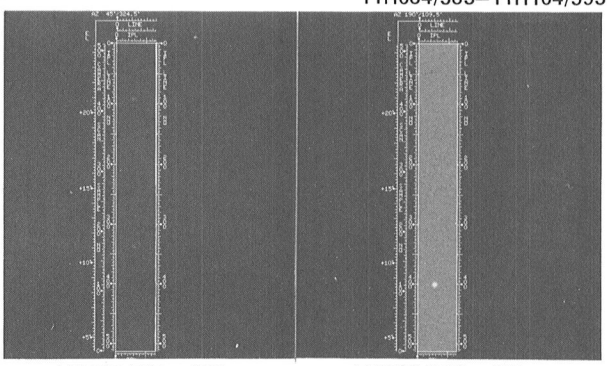
12H081/582 BB1 11H082/583 BB4



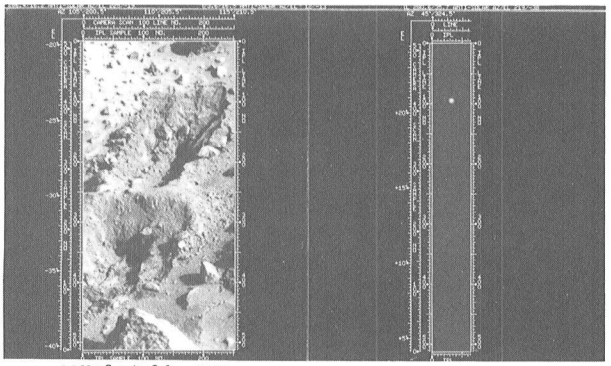
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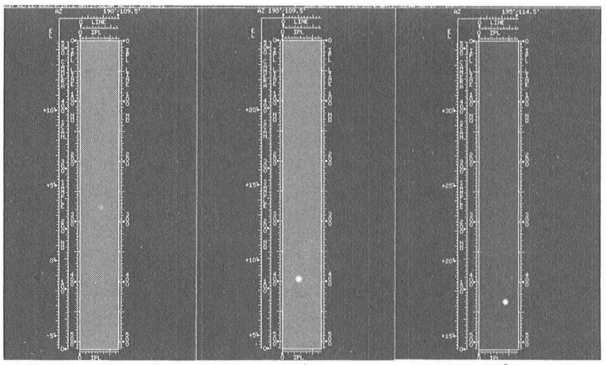
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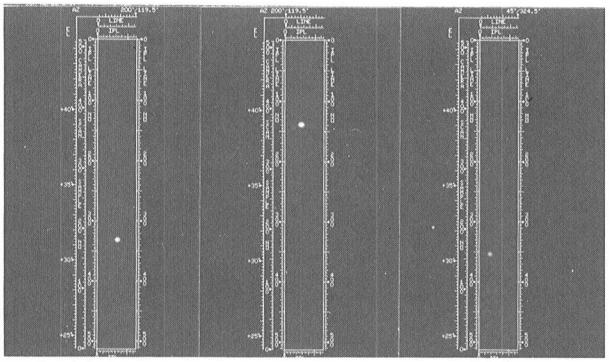
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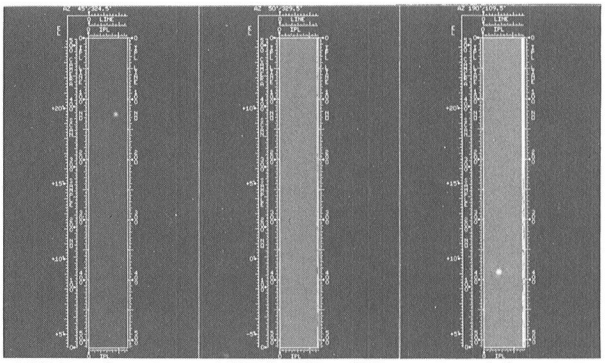
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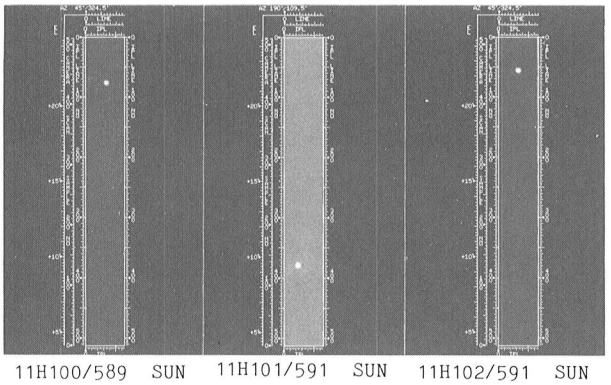
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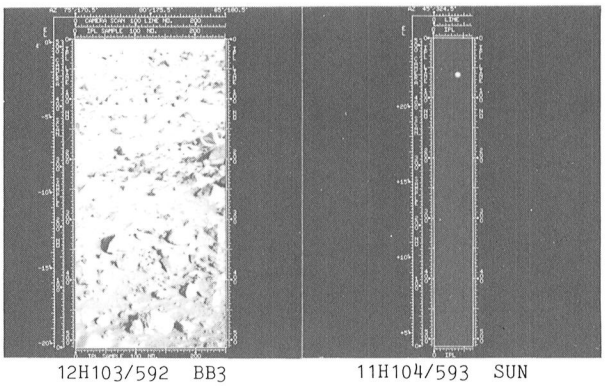
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11H097/587 SUN 11H098/587 SUN 11H099/589 SUN

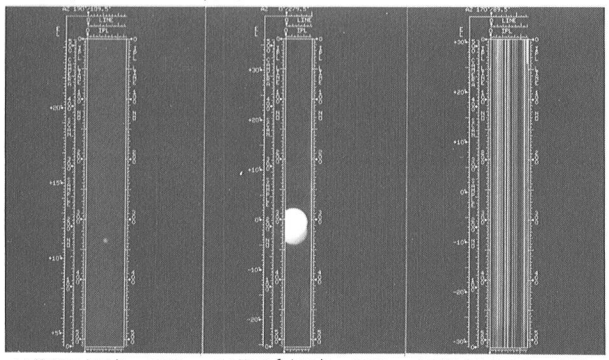


11H100/589 SUN 11H101/591 SUN 11H102/591 SUN

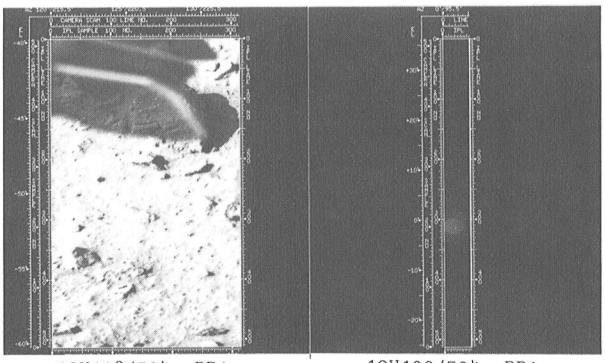


12H103/592 BB3 11H104/593 SUN

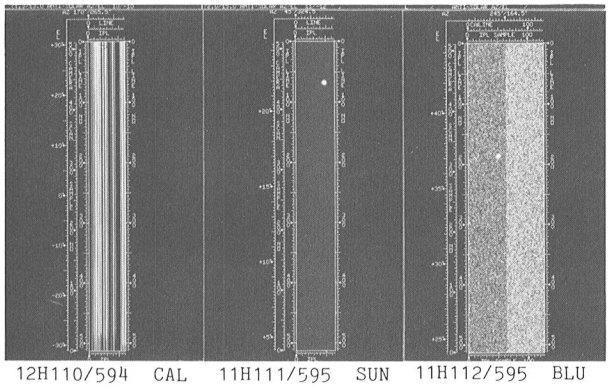
VL-I



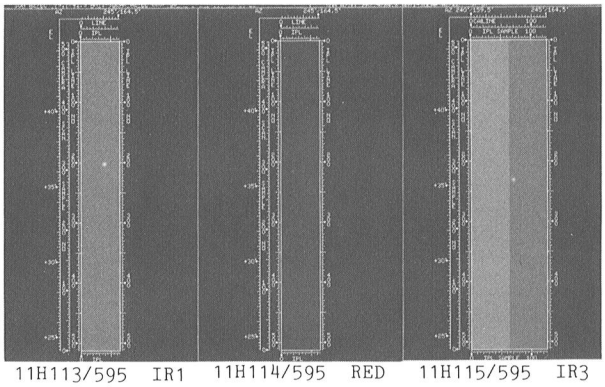
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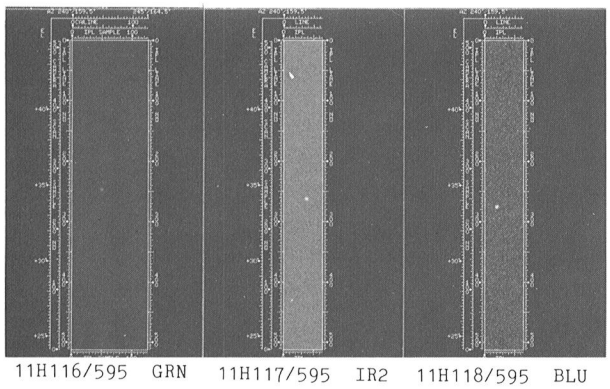
12H108/594 BB1 12H109/594 BB1



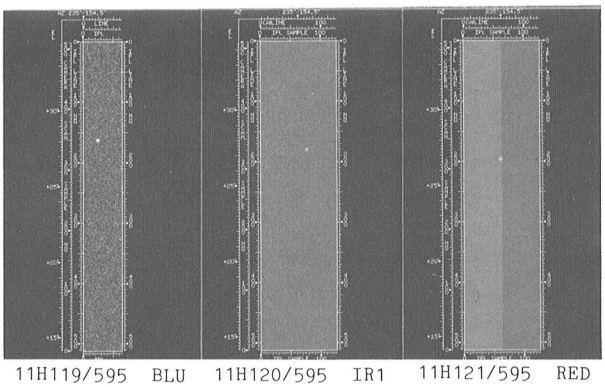
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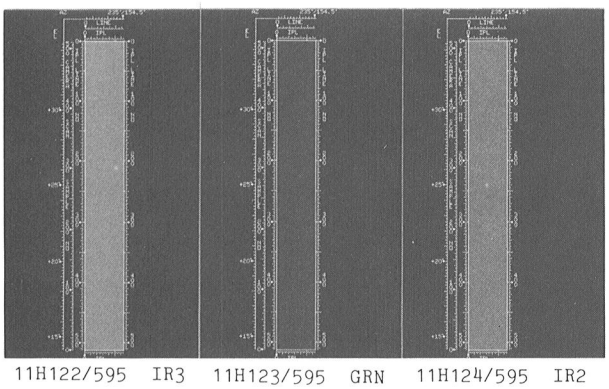
11H113/595 IR1 11H114/595 RED 11H115/595 IR3



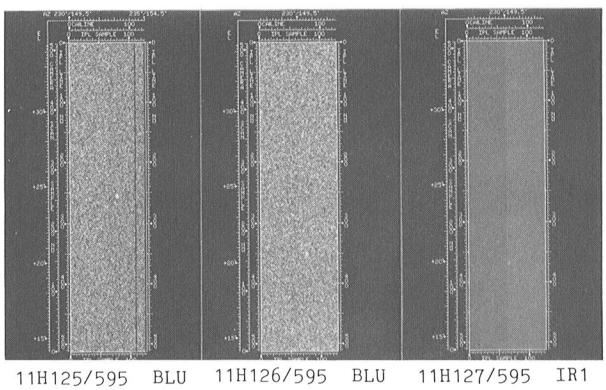
11H116/595 GRN 11H117/595 IR2 11H118/595 BLU



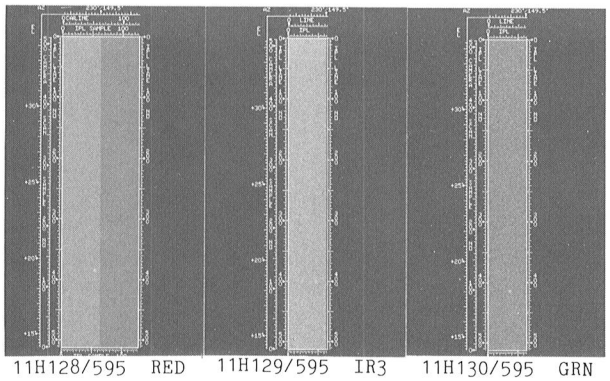
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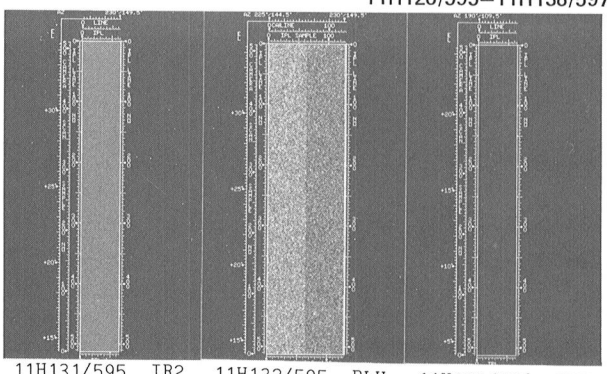
11H122/595 IR3 11H123/595 GRN 11H124/595 IR2



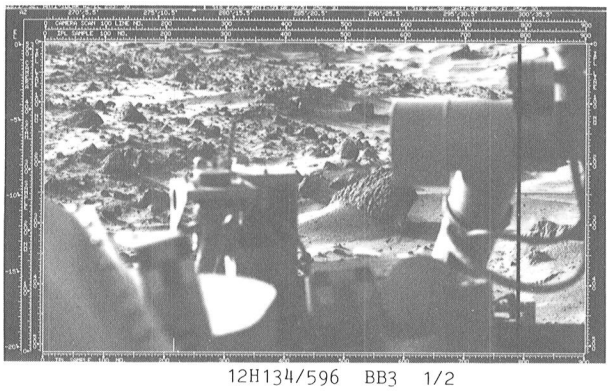
11H125/595 BLU 11H126/595 BLU 11H127/595 IR1



11H128/595 RED 11H129/595 IR3 11H130/595 GRN



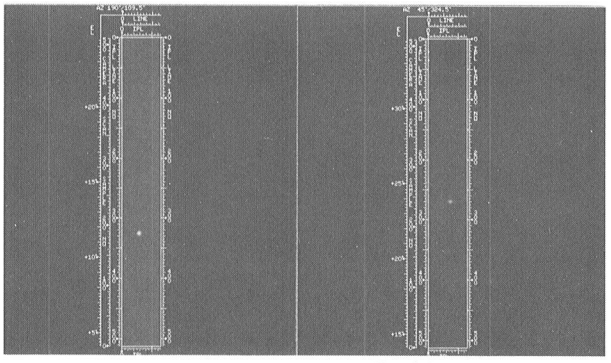
11H131/595 IR2 11H132/595 BLU 11H133/596 SUN



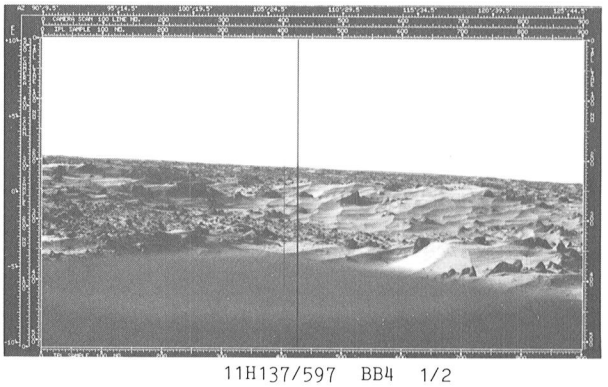
12H134/596 BB3 1/2



12H134/596 BB3 2/2



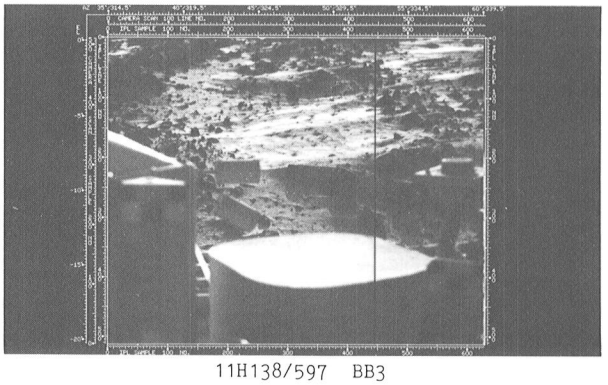
11H135/597 SUN 11H136/597 SUN



11H137/597 BB4 1/2

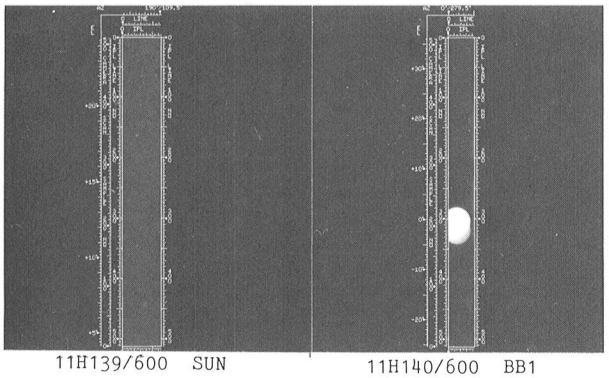


11H137/597 BB4 2/2

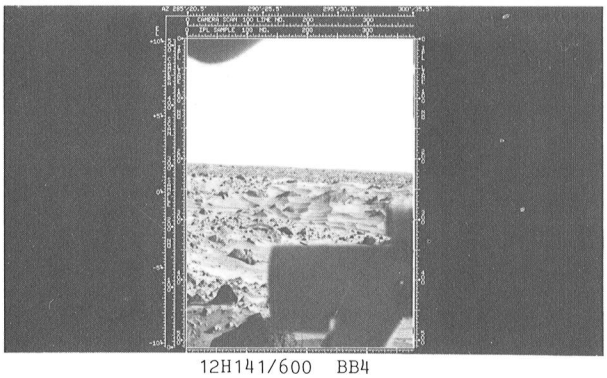


11H138/597 BB3

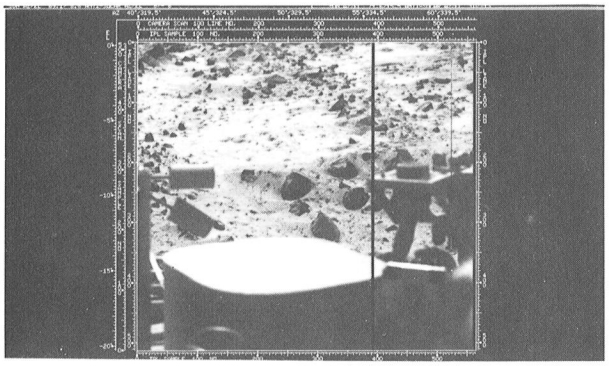
VL-I



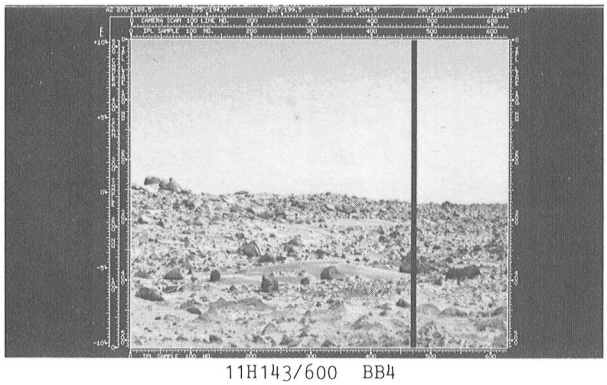
11H139/600 SUN 11H140/600 BB1



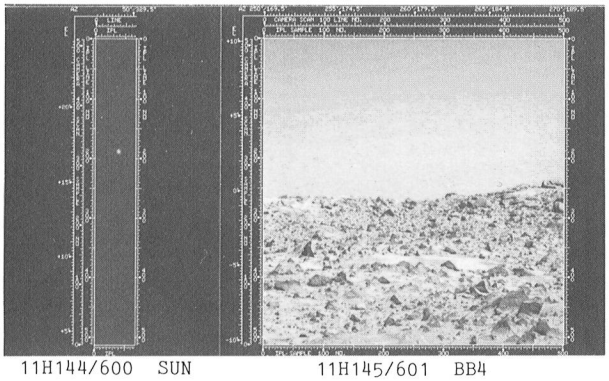
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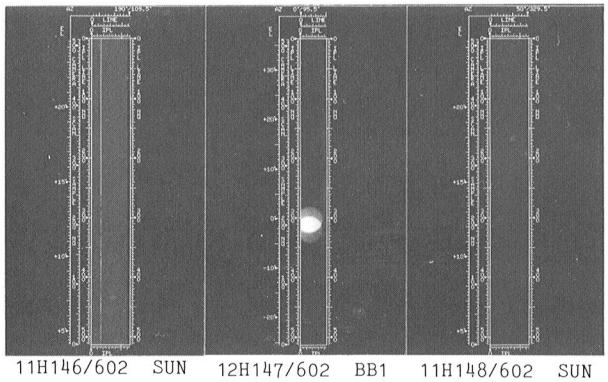
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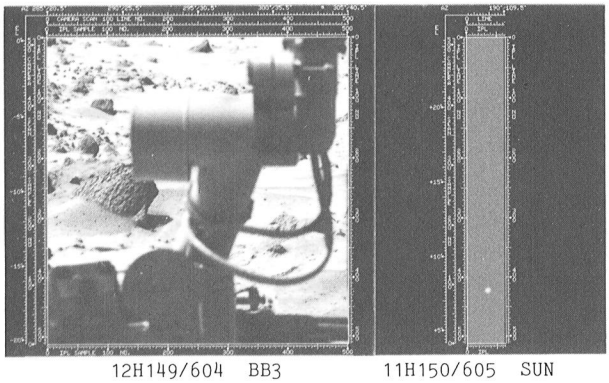
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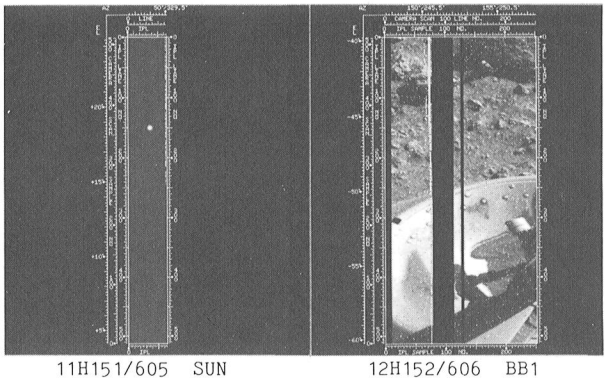
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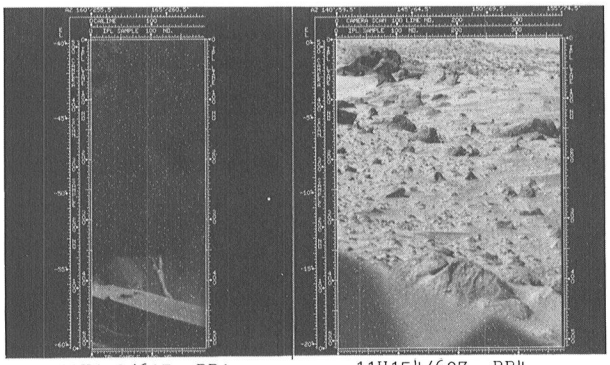
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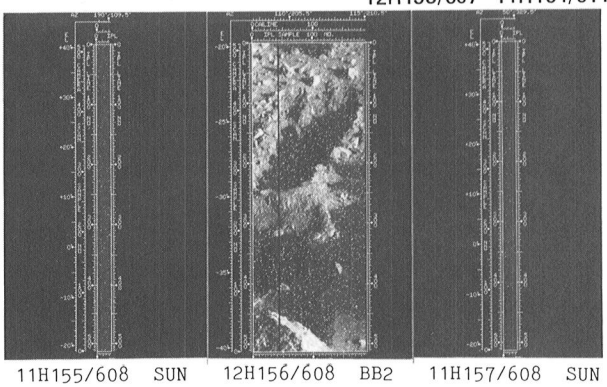
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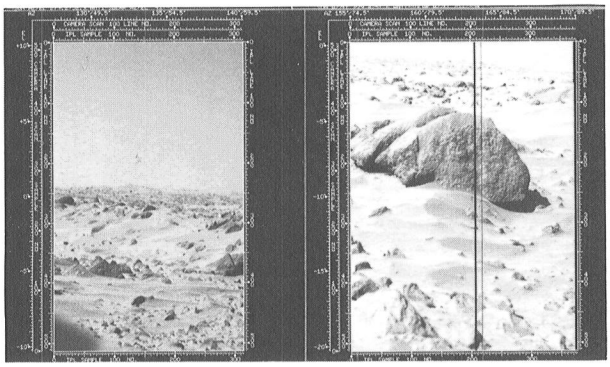
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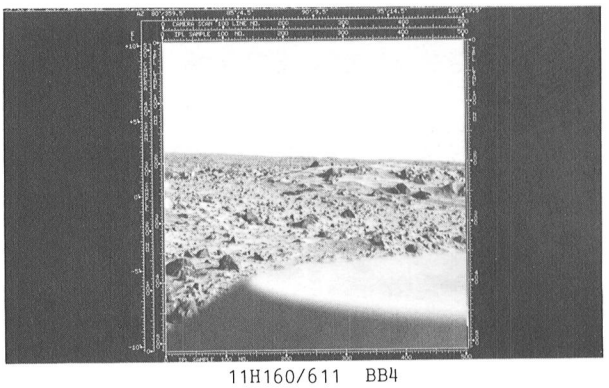
12H153/607 BB1 11H154/607 BB4



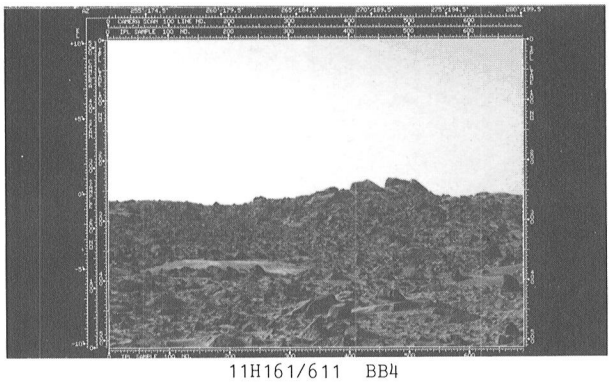
11H155/608 SUN 12H156/608 BB2 11H157/608 SUN



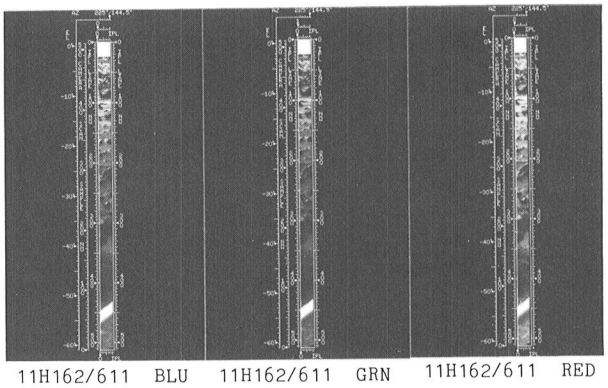
11H158/609 BB4 11H159/609 BB4



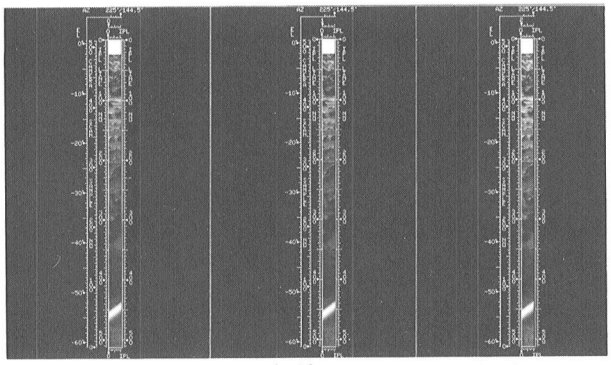
11H160/611 BB4



11H161/611 BB4



11H162/611 BLU 11H162/611 GRN 11H162/611 RED

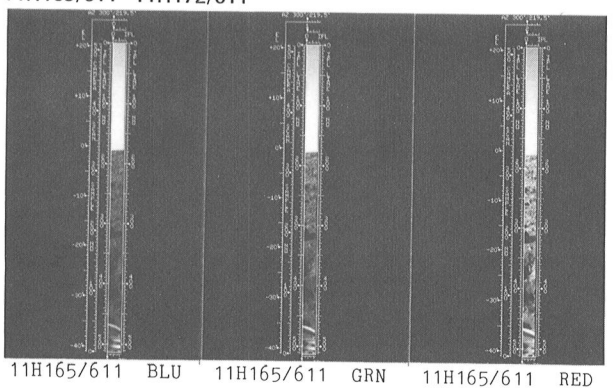


11H163/611 IR3 11H163/611 IR2 11H163/611 IR1

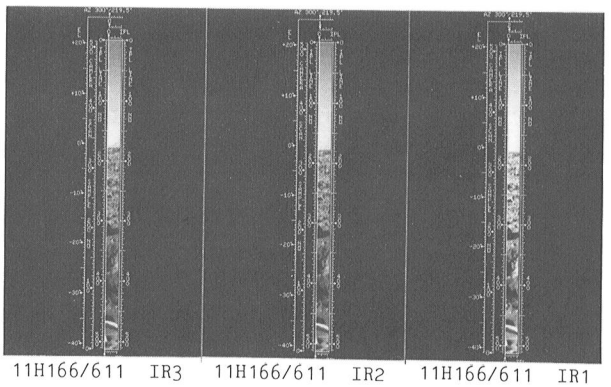


11H164/611 BB1

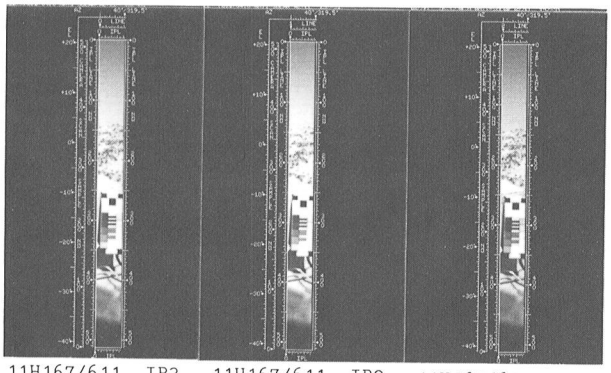
VL-I



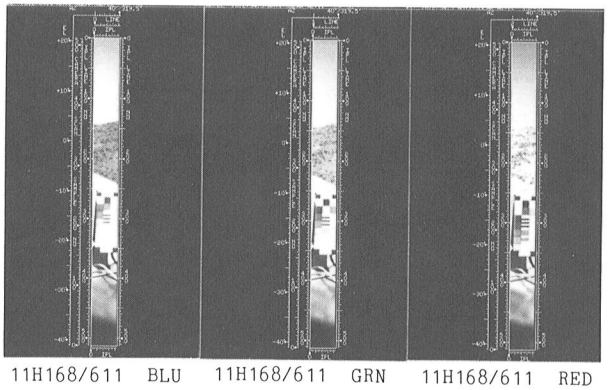
11H165/611 BLU 11H165/611 GRN 11H165/611 RED



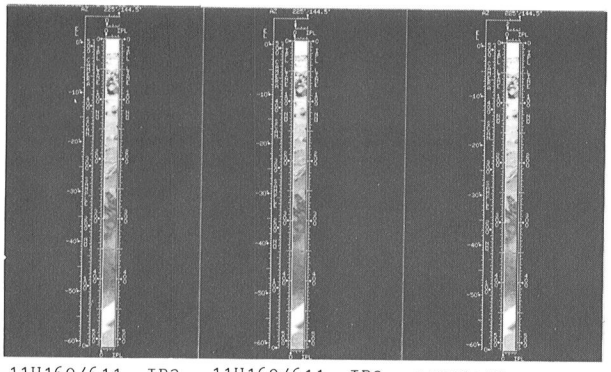
11H166/611 IR3 11H166/611 IR2 11H166/611 IR1



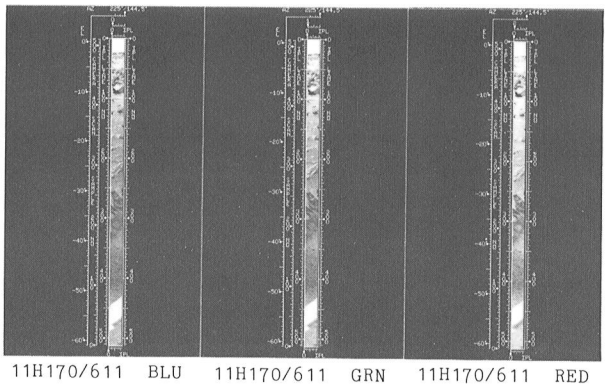
11H167/611 IR3 11H167/611 IR2 11H167/611 IR1



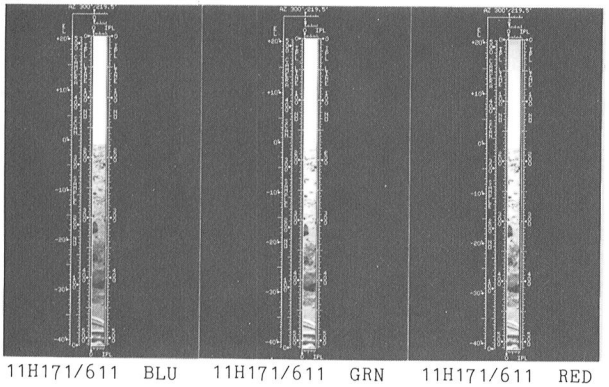
11H168/611 BLU 11H168/611 GRN 11H168/611 RED



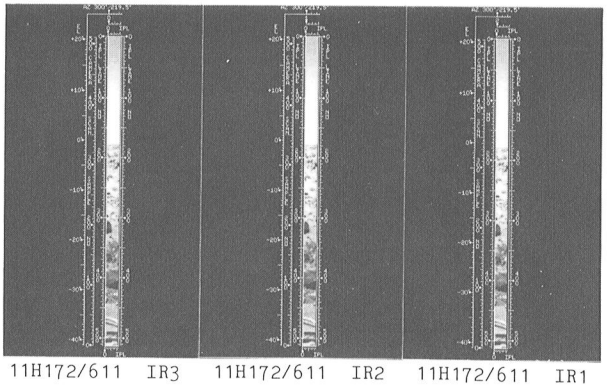
11H169/611 IR3 11H169/611 IR2 11H169/611 IR1



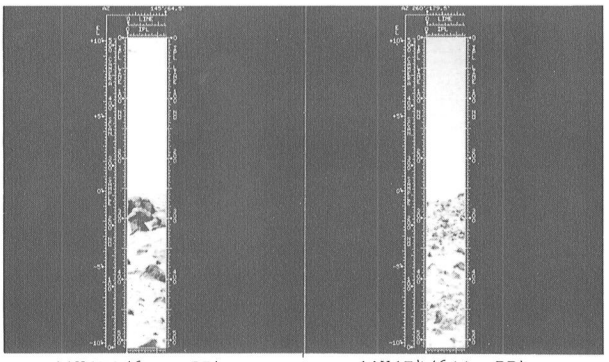
11H170/611 BLU 11H170/611 GRN 11H170/611 RED



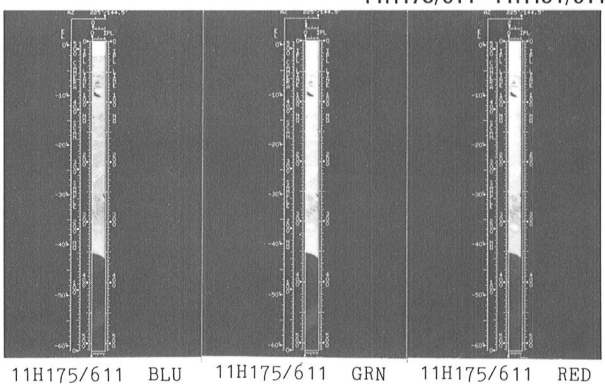
11H171/611 BLU 11H171/611 GRN 11H171/611 RED



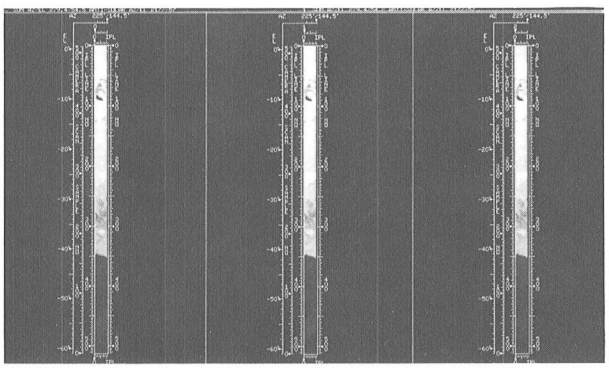
11H172/611 IR3 11H172/611 IR2 11H172/611 IR1



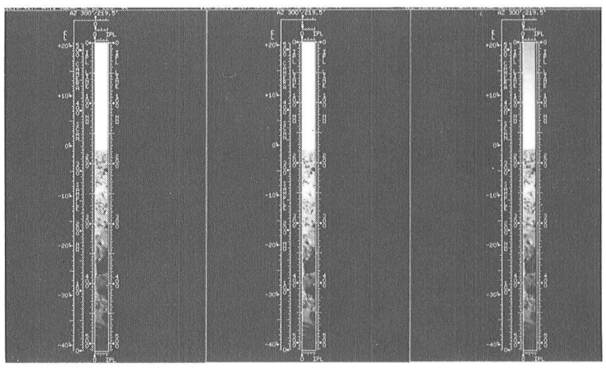
11H173/611 BB4 11H174/611 BB4



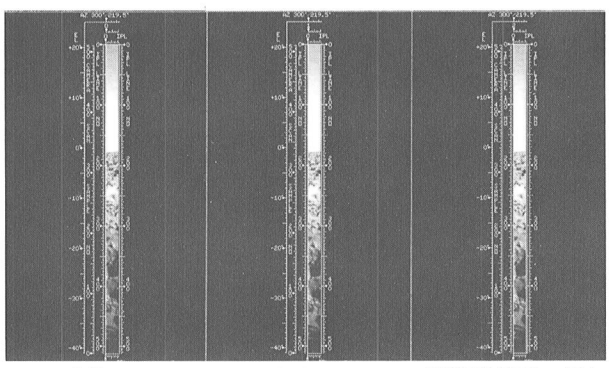
11H175/611 BLU 11H175/611 GRN 11H175/611 RED



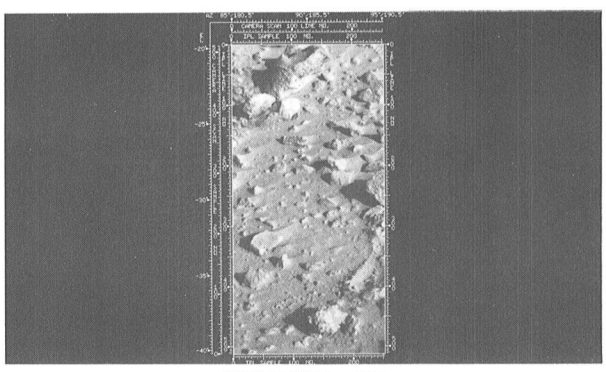
11H176/611 IR3 11H176/611 IR2 11H176/611 IR1



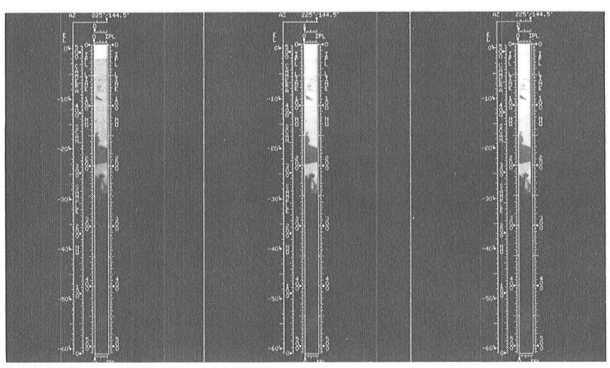
11H177/611 BLU 11H177/611 GRN 11H177/611 RED



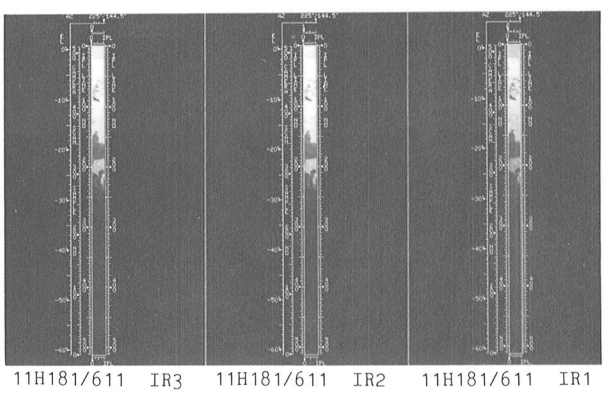
11H178/611 IR3 11H178/611 IR2 11H178/611 IR1



12H179/611 BB2

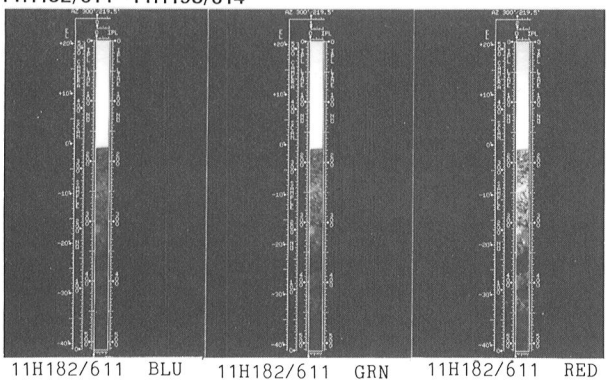


11H180/611 BLU 11H180/611 GRN 11H180/611 RED

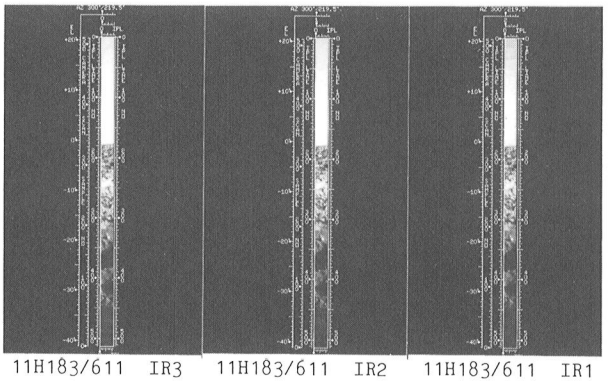


11H181/611 IR3 11H181/611 IR2 11H181/611 IR1

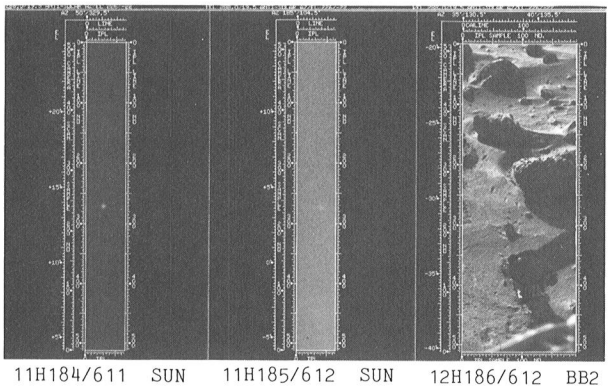
VL-I



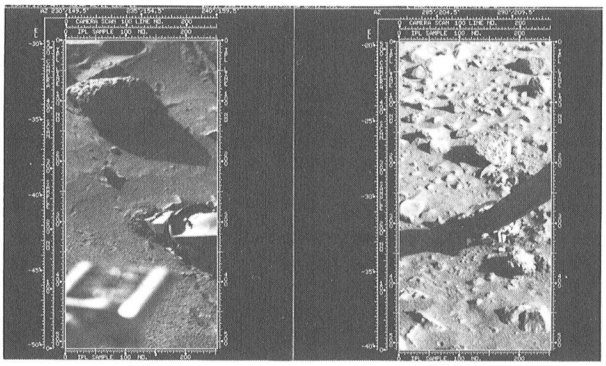
11H182/611 BLU 11H182/611 GRN 11H182/611 RED



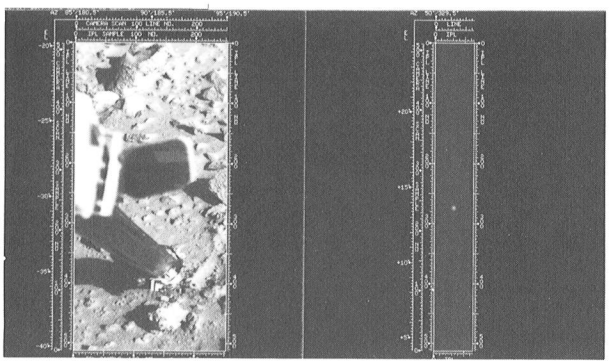
11H183/611 IR3 11H183/611 IR2 11H183/611 IR1



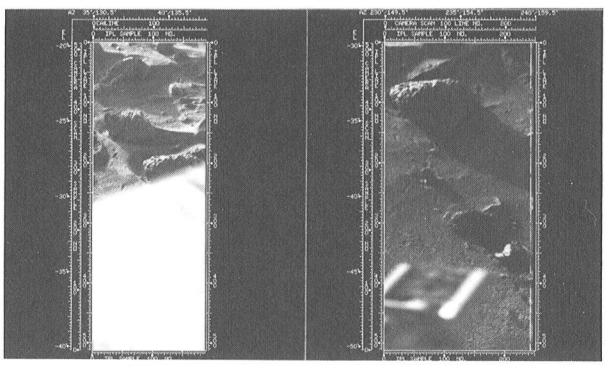
11H184/611 SUN 11H185/612 SUN 12H186/612 BB2



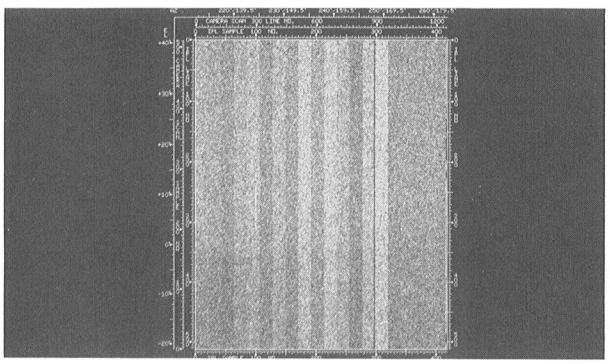
11H187/612 BB1 11H188/612 BB2



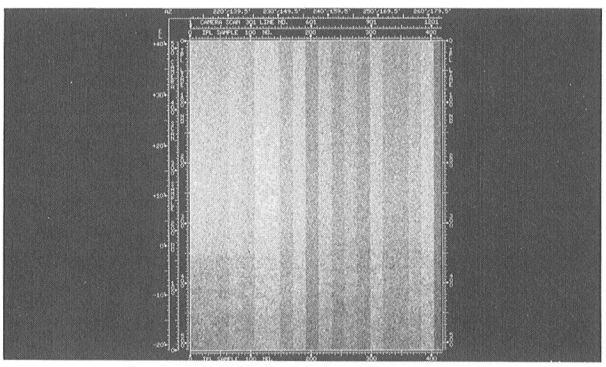
12H189/612 BB2 11H190/612 SUN



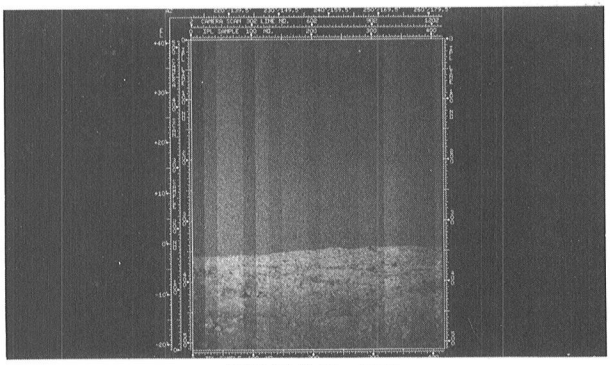
12H191/613 BB2 11H192/613 BB1



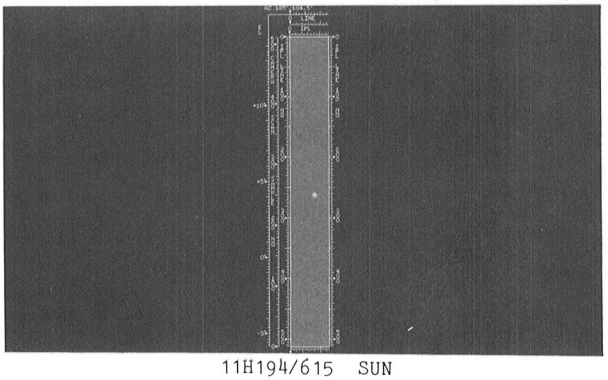
11H193/614 BLU



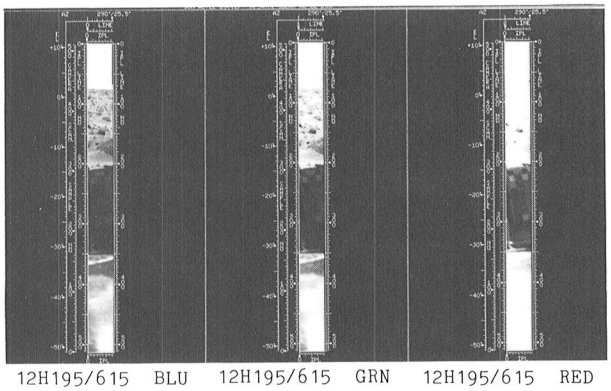
11H193/614 GRN



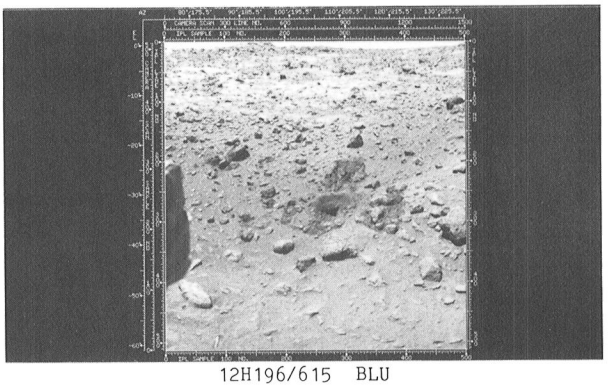
11H193/614 RED



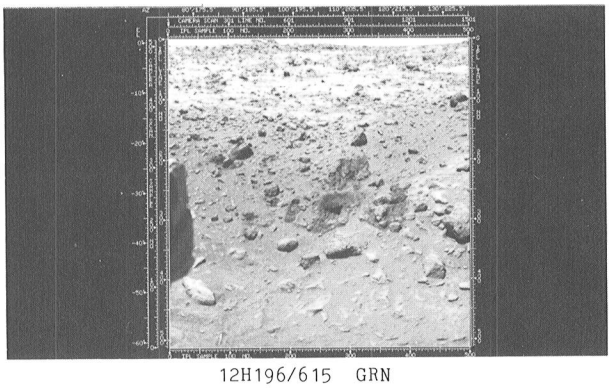
11H194/615 SUN



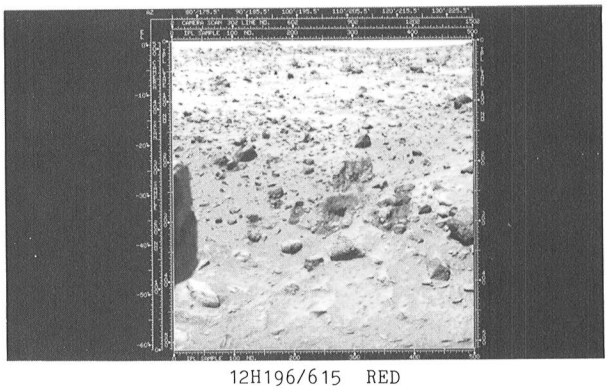
12H195/615 BLU 12H195/615 GRN 12H195/615 RED



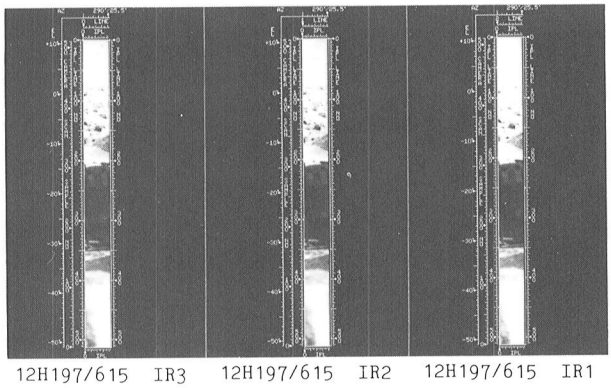
12H196/615 BLU



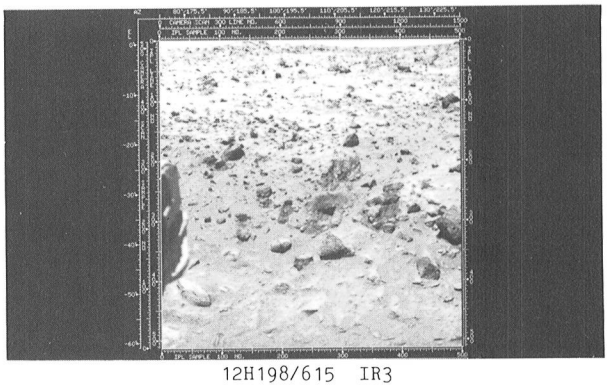
12H196/615 GRN



12H196/615 RED

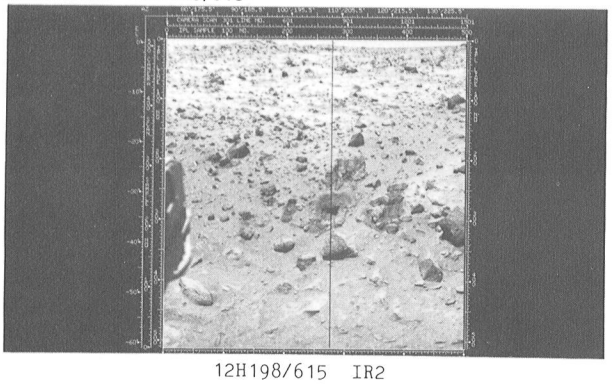


12H197/615 IR3 12H197/615 IR2 12H197/615 IR1

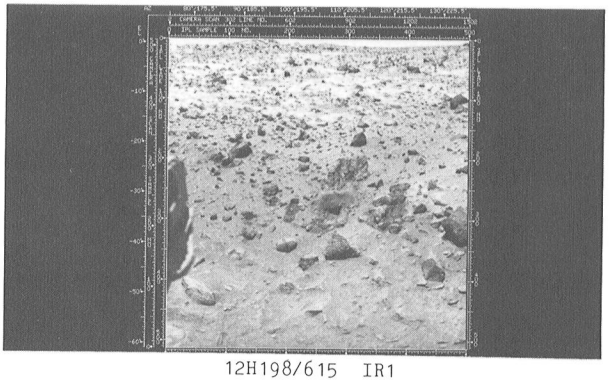


12H198/615 IR3

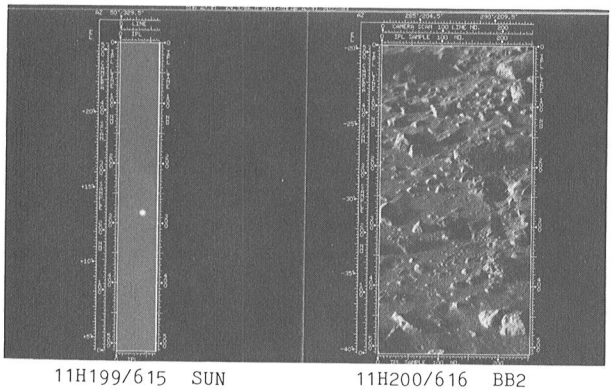
VL-I



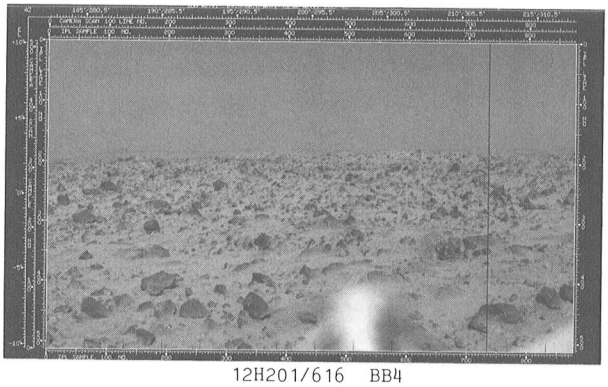
12H198/615 IR2



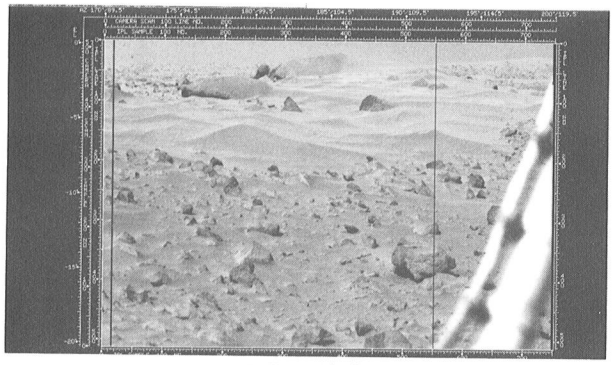
12H198/615 IR1



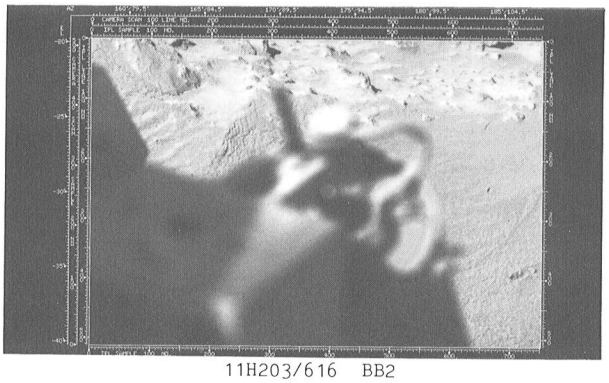
11H199/615 SUN 11H200/616 BB2



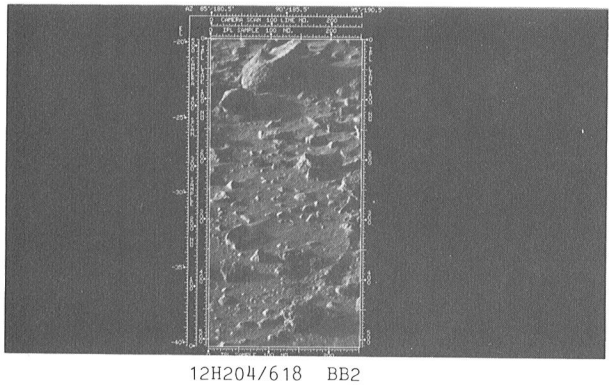
12H201/616 BB4



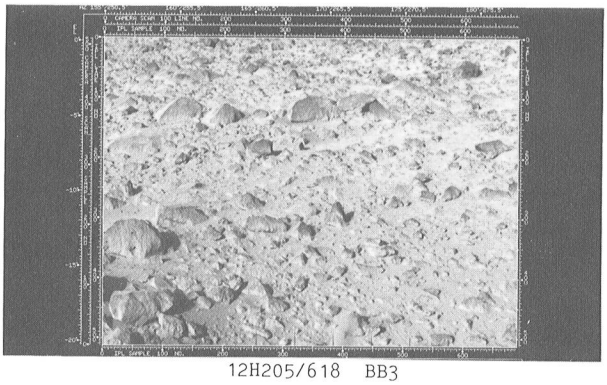
11H202/616 BB4



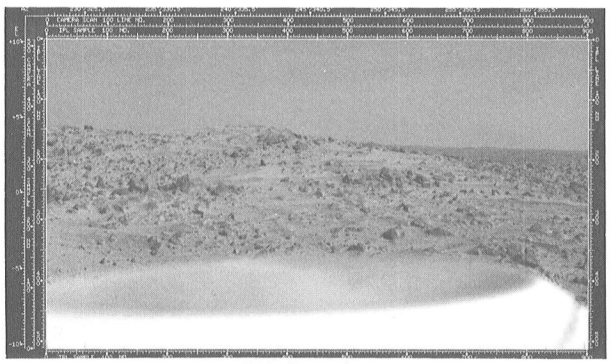
11H203/616 BB2



12H204/618 BB2



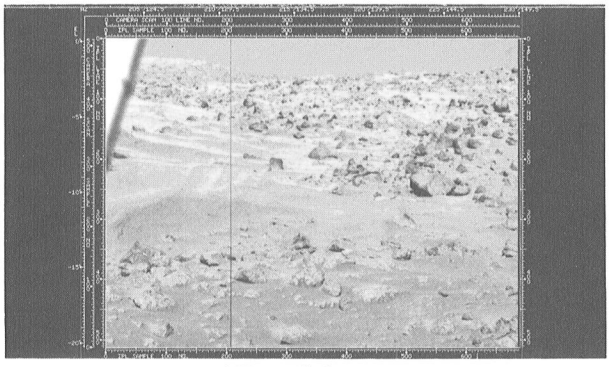
12H205/618 BB3



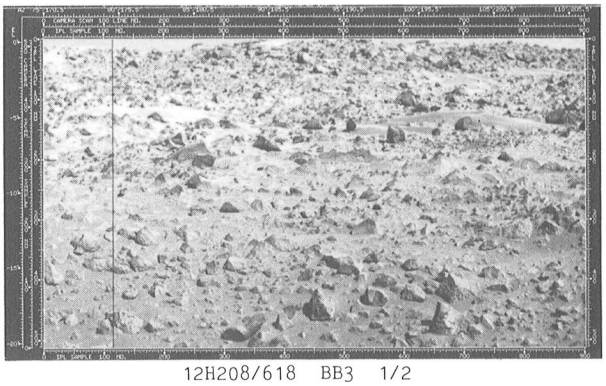
12H206/618 BB4 1/2



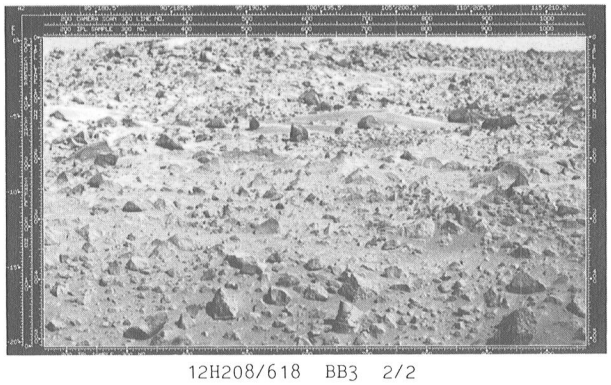
12H206/618 BB4 2/2



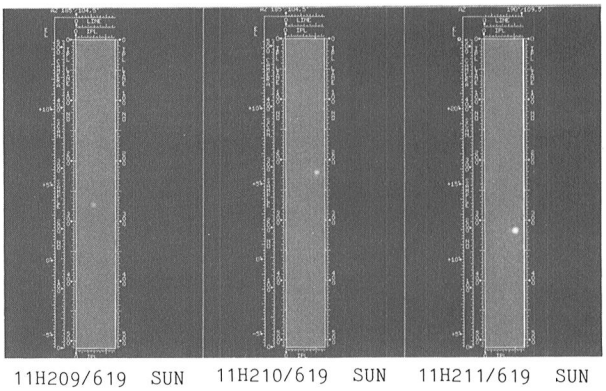
11H207/618 BB3



12H208/618 BB3 1/2



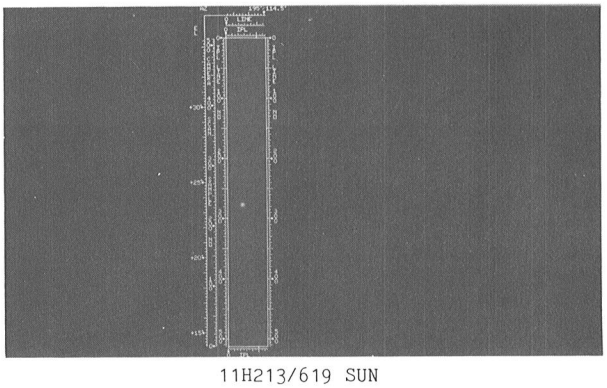
12H208/618 BB3 2/2



11H209/619 SUN 11H210/619 SUN 11H211/619 SUN

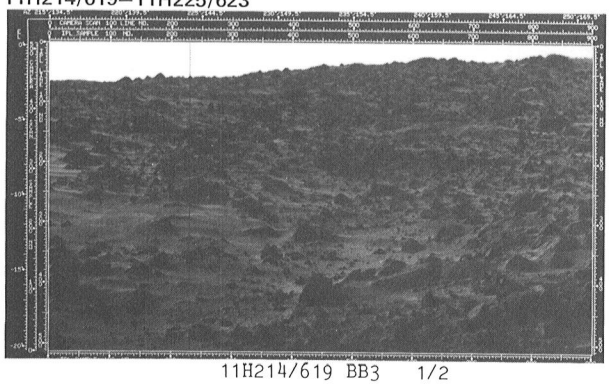


11H212/619 BB3

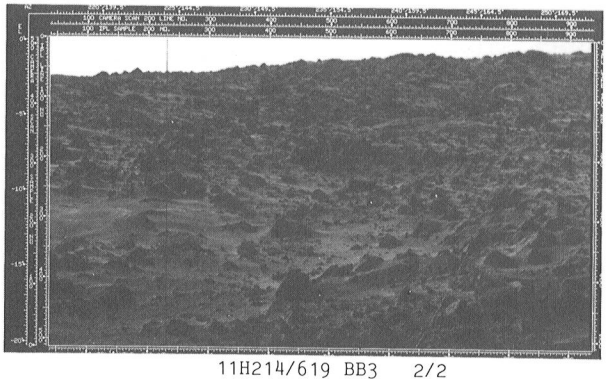


11H213/619 SUN

VL-I



11H214/619 BB3 1/2



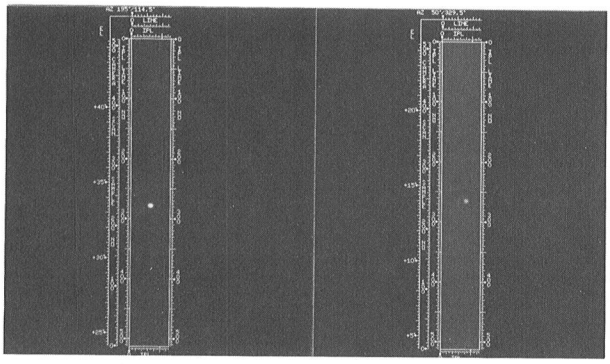
11H214/619 BB3 2/2



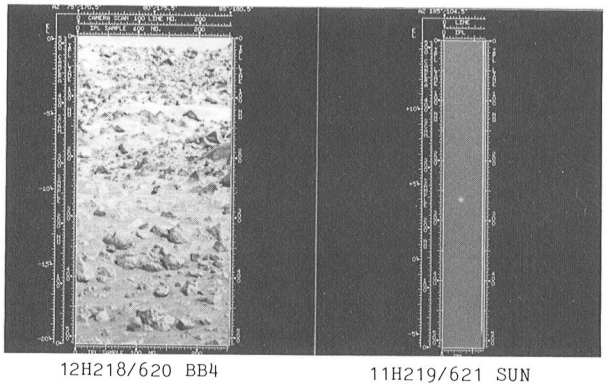
11H215/619 BB4 1/2



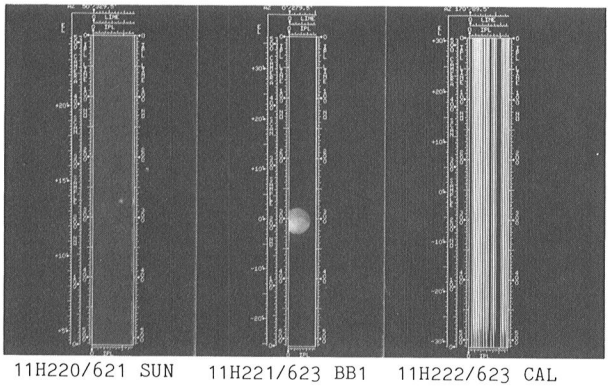
11H215/619 BB4 2/2



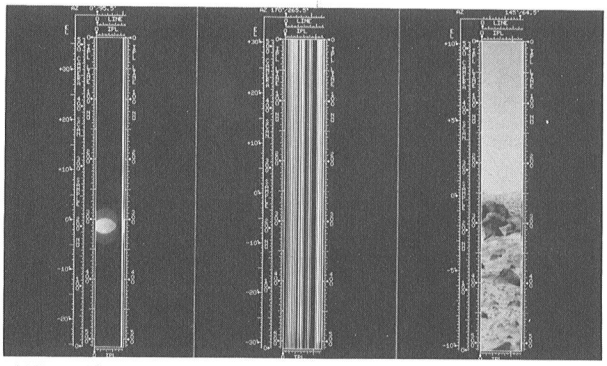
11H216/619 SUN 11H217/619 SUN



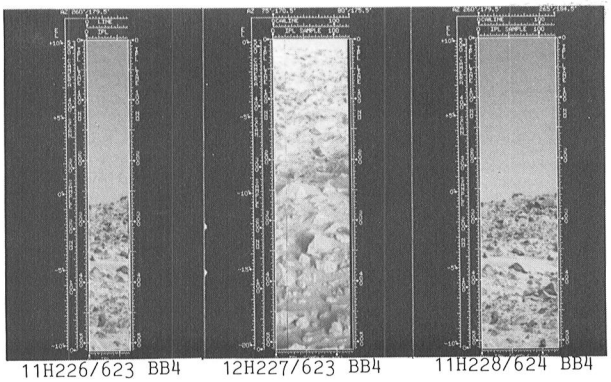
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11H220/621 SUN 11H221/623 BB1 11H222/623 CAL



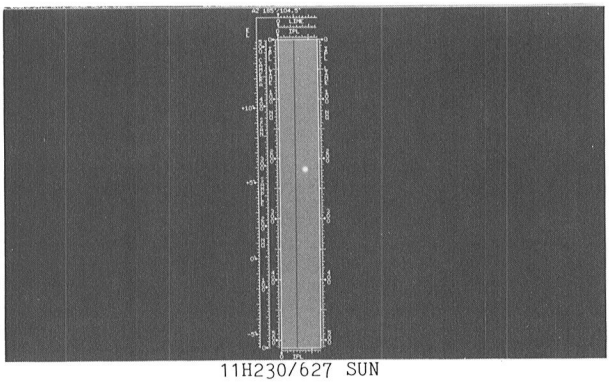
12H223/623 BB1 12H224/623 CAL 11H225/623 BB4



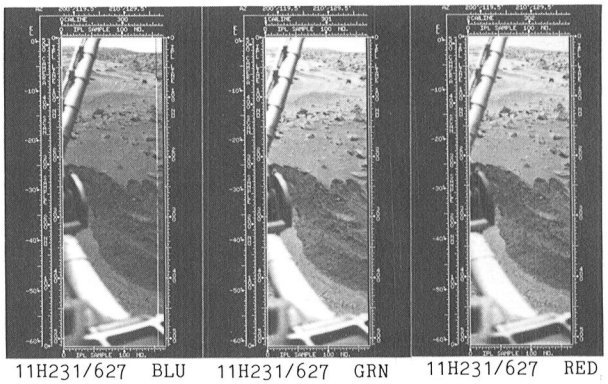
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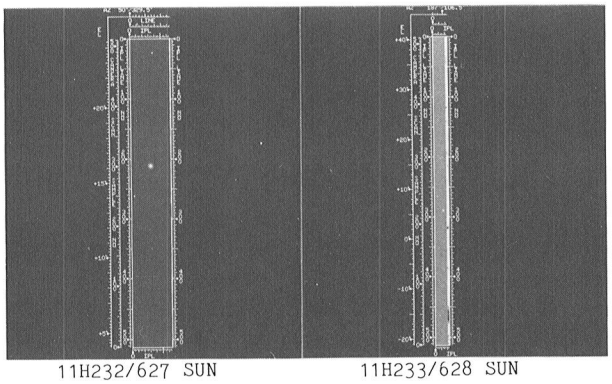
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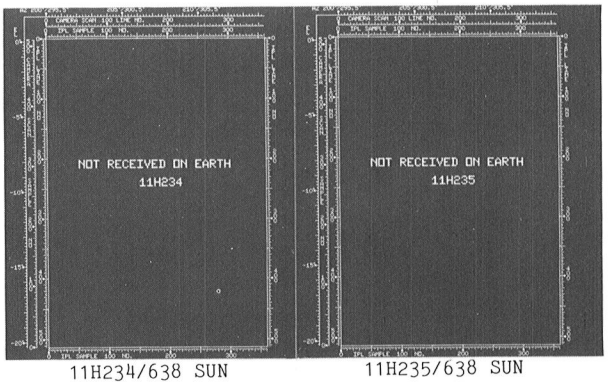
11H230/627 SUN



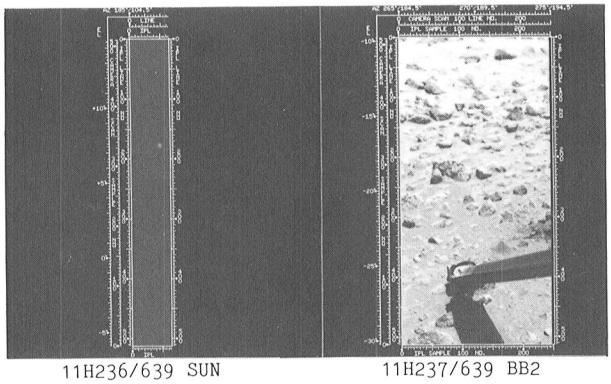
11H231/627 BLU 11H231/627 GRN 11H231/627 RED



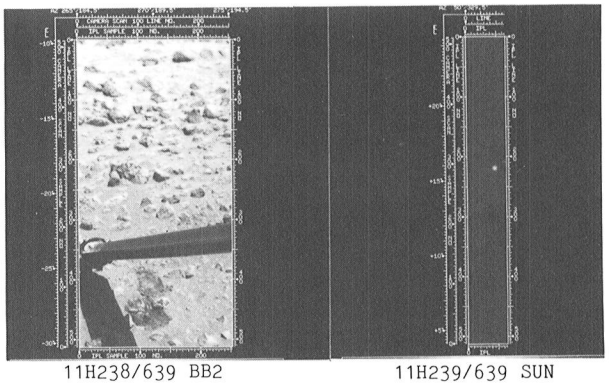
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11H234/638 SUN 11H235/638 SUN



11H236/639 SUN 11H237/639 BB2

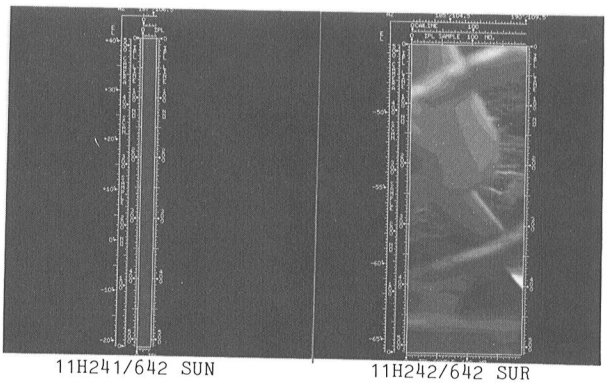


11H238/639 BB2 11H239/639 SUN

VL-1

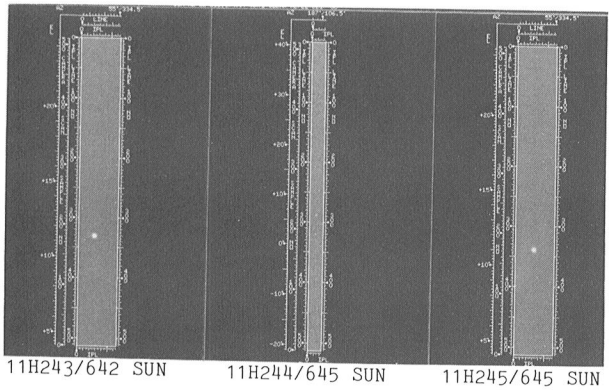


11H240/641 BB4



11H241/642 SUN

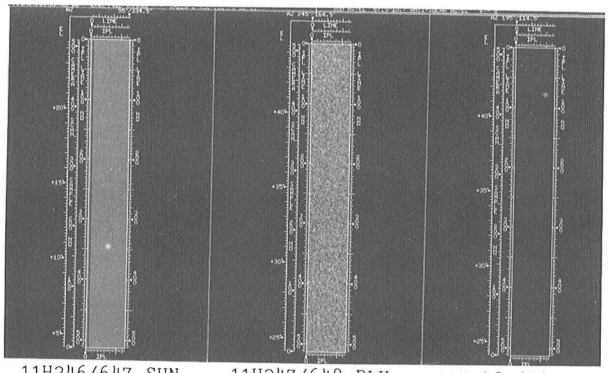
11H242/642 SUR



11H243/642 SUN

11H244/645 SUN

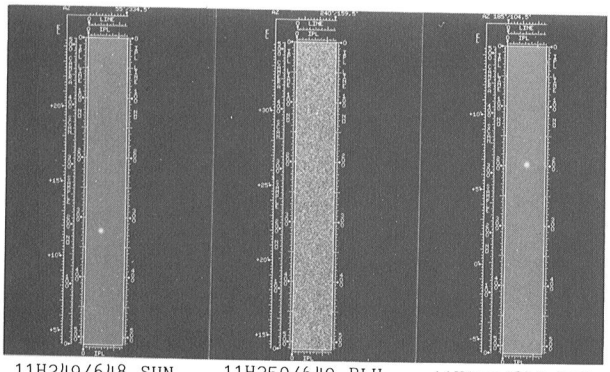
11H245/645 SUN



11H246/647 SUN

11H247/648 BLU

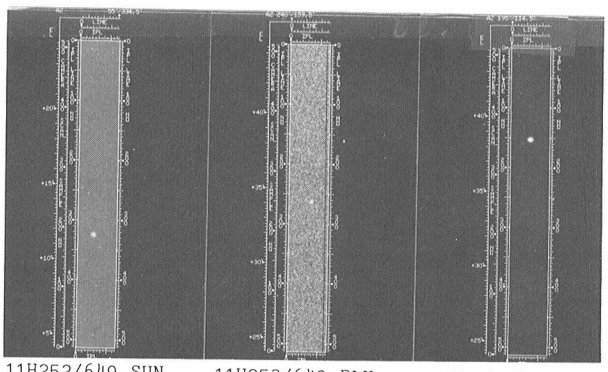
11H248/648 SUN



11H249/648 SUN

11H250/649 BLU

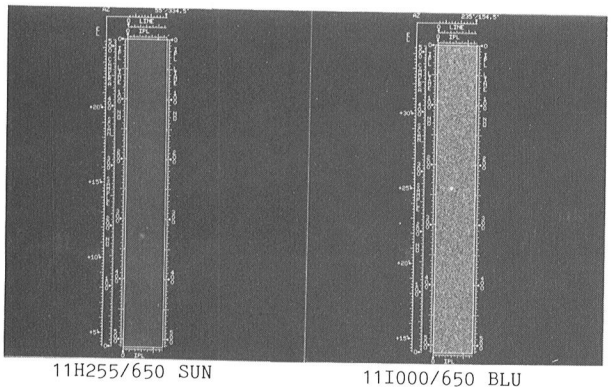
11H251/649 SUN



11H252/649 SUN

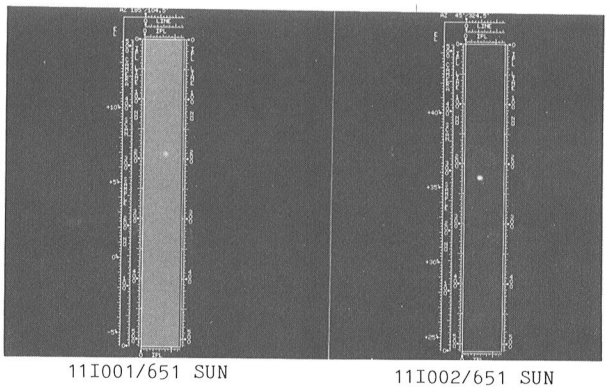
11H253/649 BLU

11H254/650 SUN



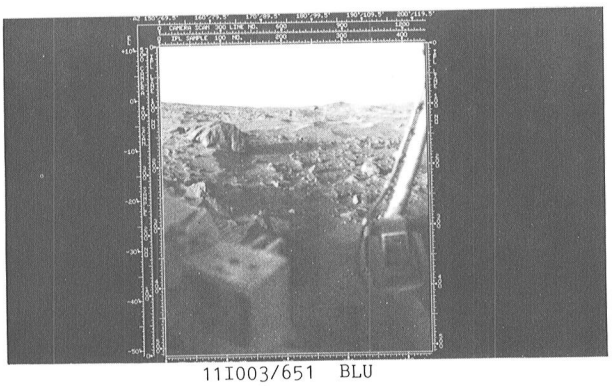
11H255/650 SUN

11I000/650 BLU

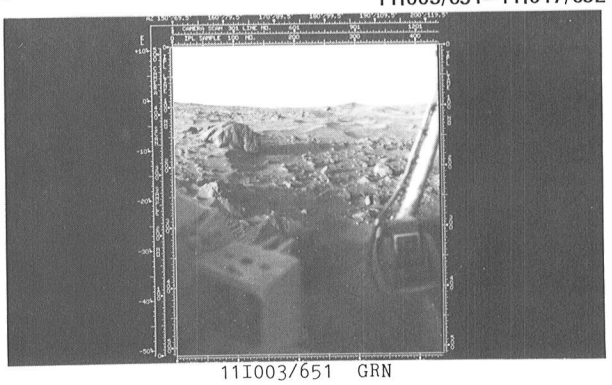


11I001/651 SUN

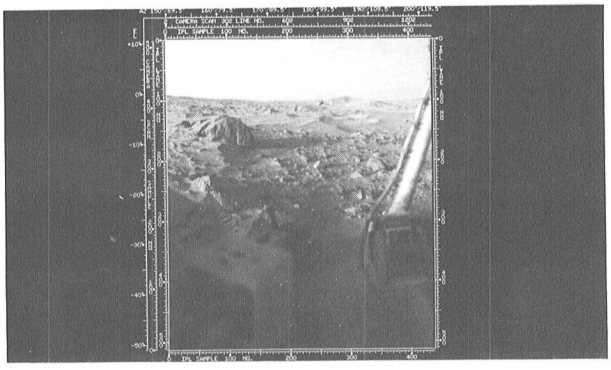
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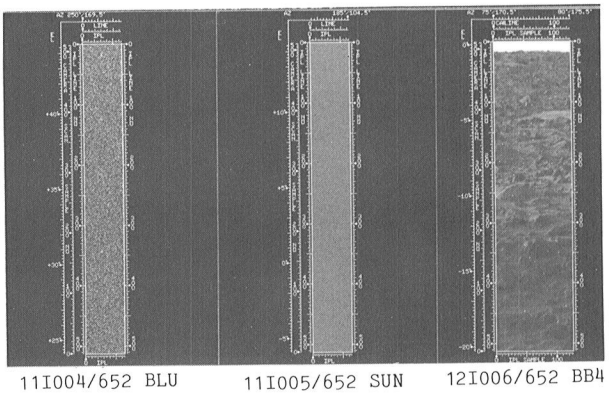
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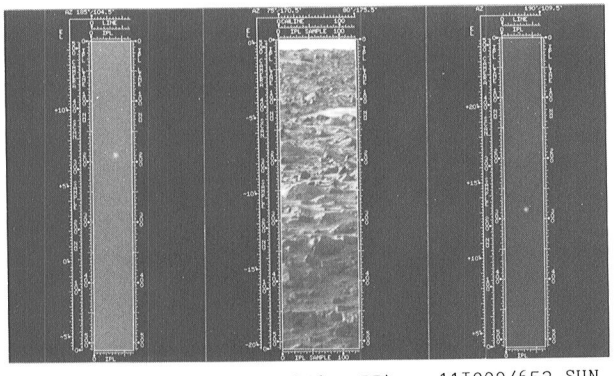
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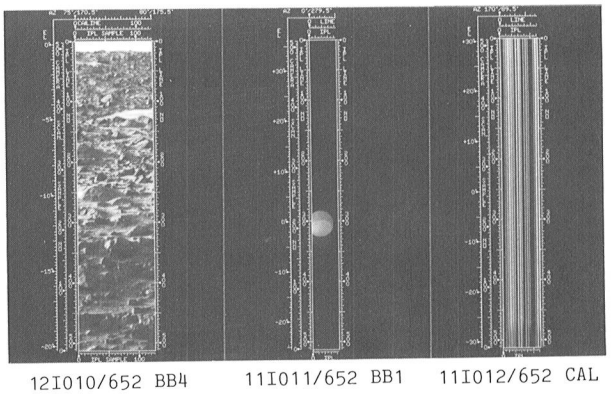
11I003/651 RED



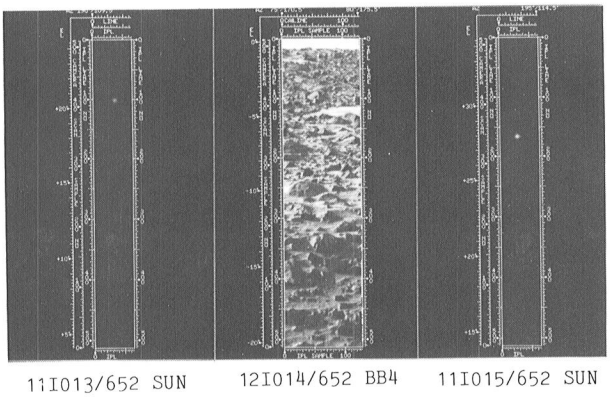
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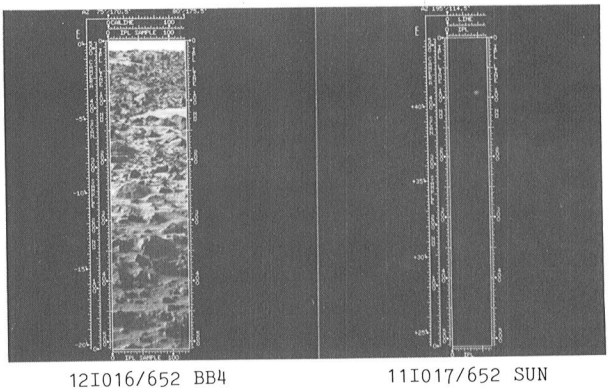
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12I010/652 BB4 11I011/652 BB1 11I012/652 CAL

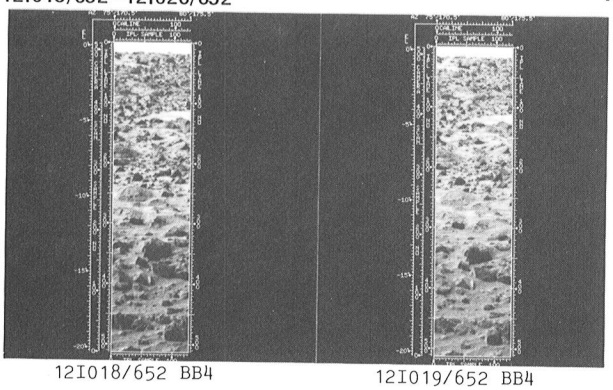


11I013/652 SUN 12I014/652 BB4 11I015/652 SUN

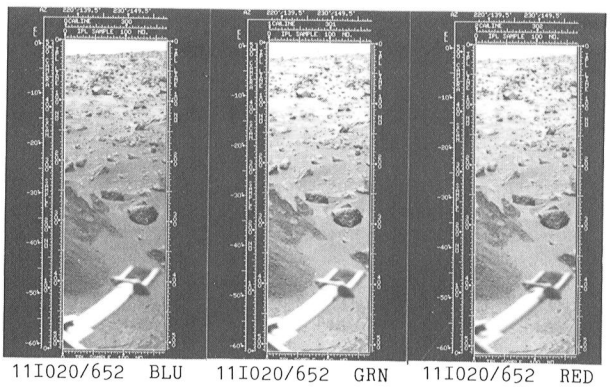


12I016/652 BB4 11I017/652 SUN

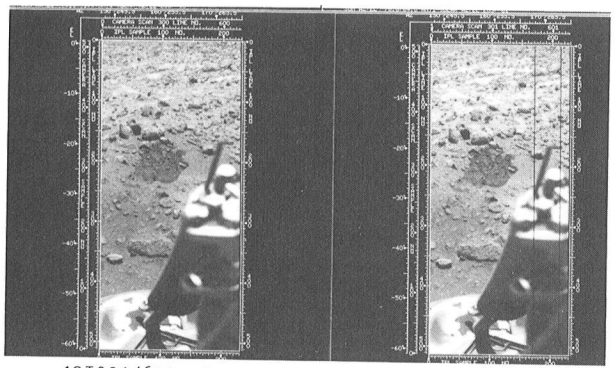
VL-I



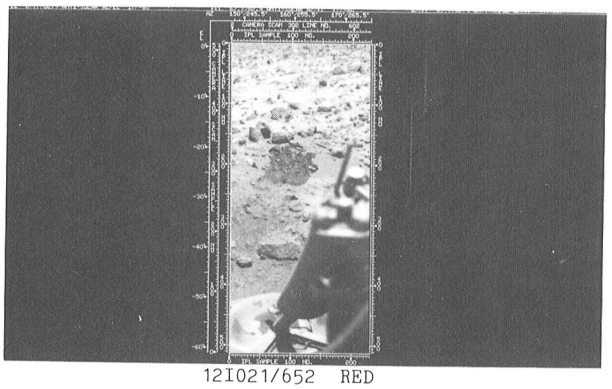
12I018/652 BB4 12I019/652 BB4



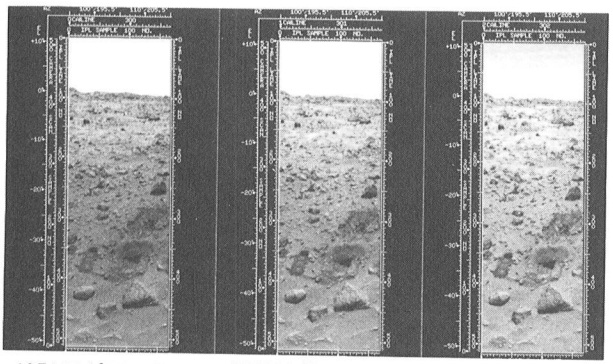
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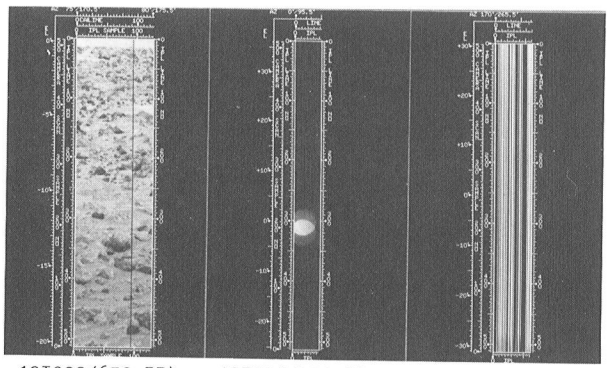
12I021/652 BLU 12I021/652 GRN



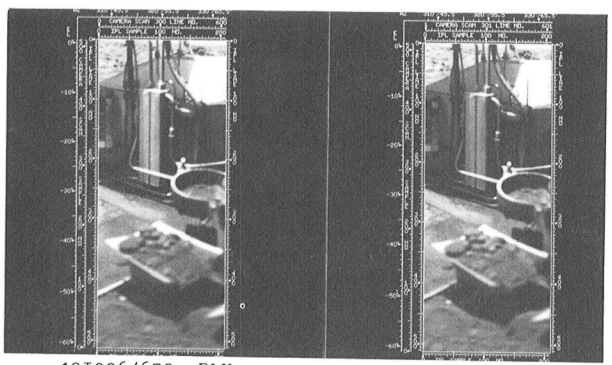
12I021/652 RED



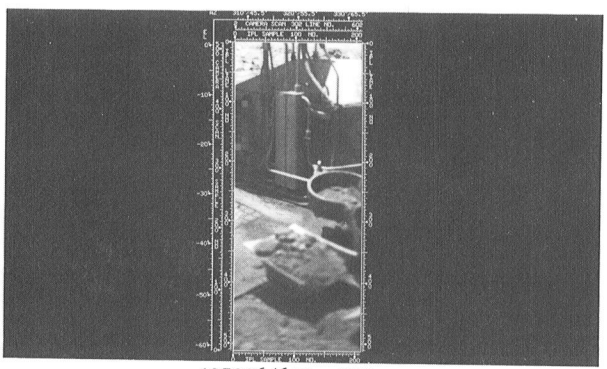
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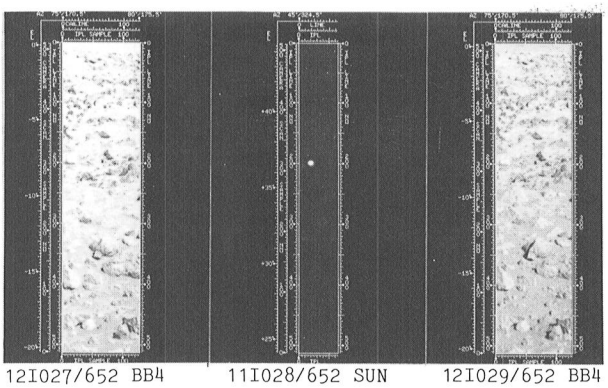
12I023/652 BB4 12I024/652 BB1 12I025/652 CAL



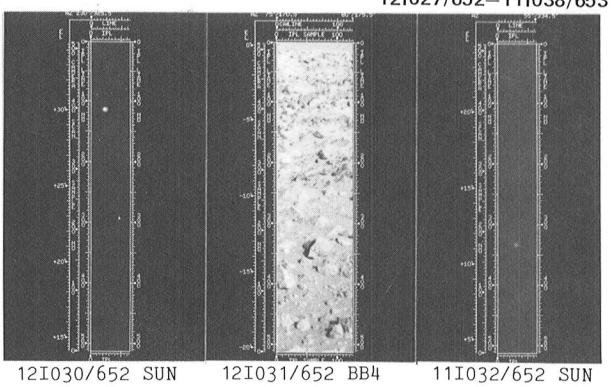
12I026/652 BLU 12I026/652 GRN



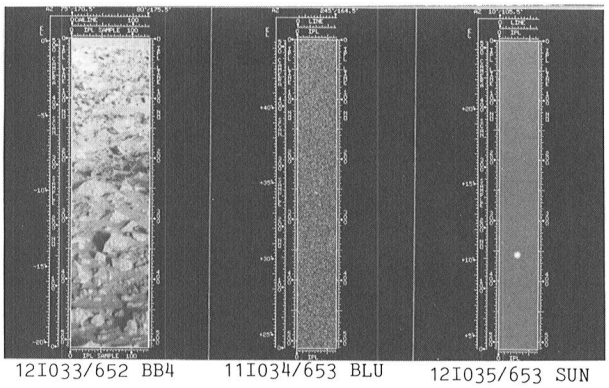
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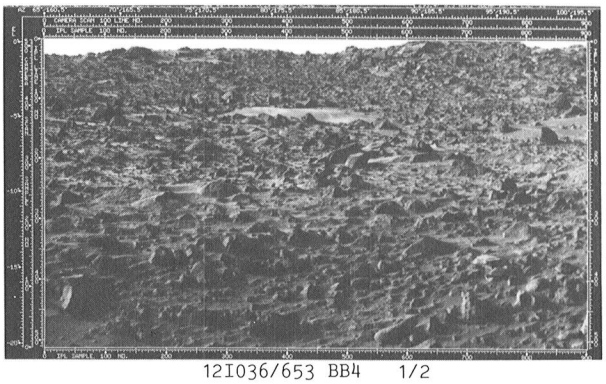
12I027/652 BB4 11I028/652 SUN 12I029/652 BB4



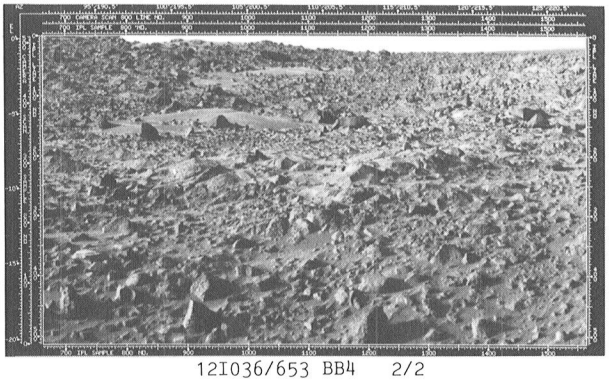
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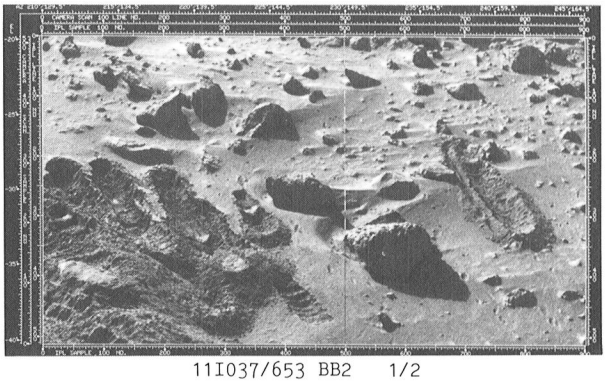
12I033/652 BB4 11I034/653 BLU 12I035/653 SUN



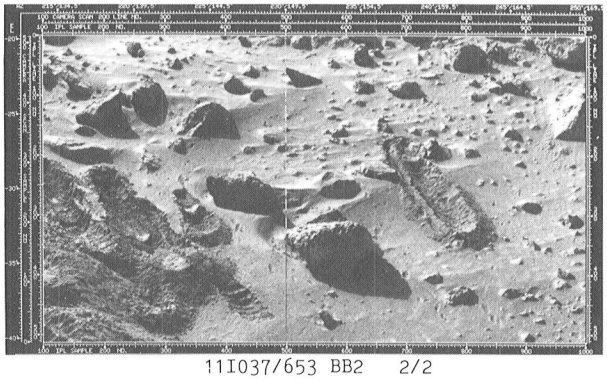
12I036/653 BB4 1/2



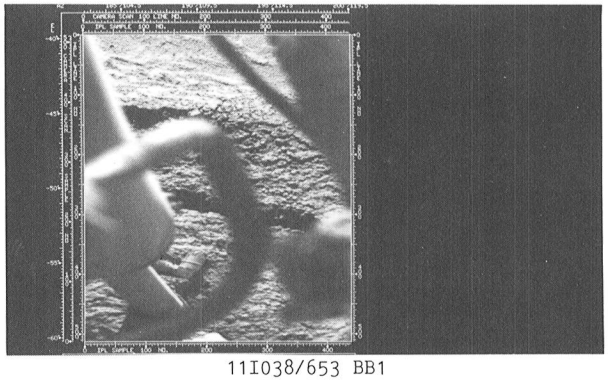
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11I037/653 BB2 1/2



11I037/653 BB2 2/2

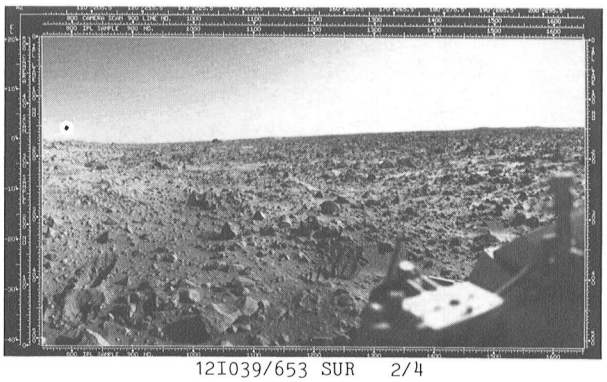


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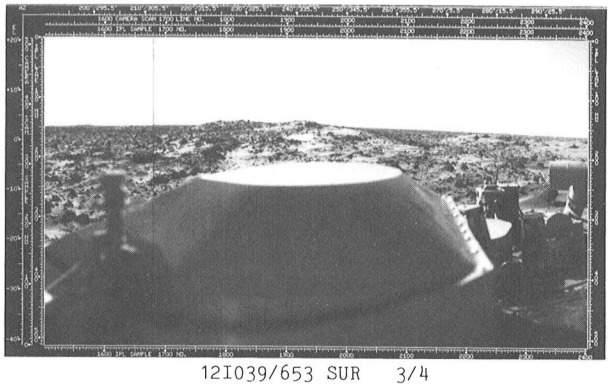
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12I039/653 SUR 1/4



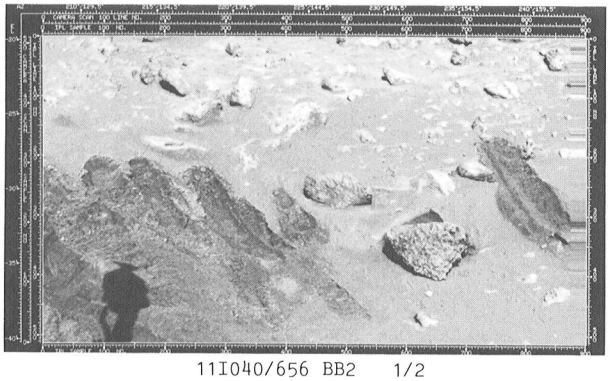
12I039/653 SUR 2/4



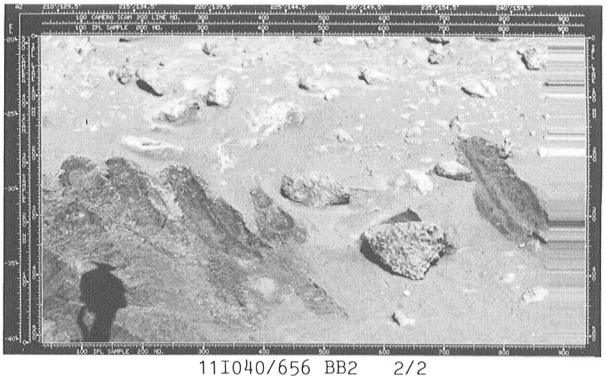
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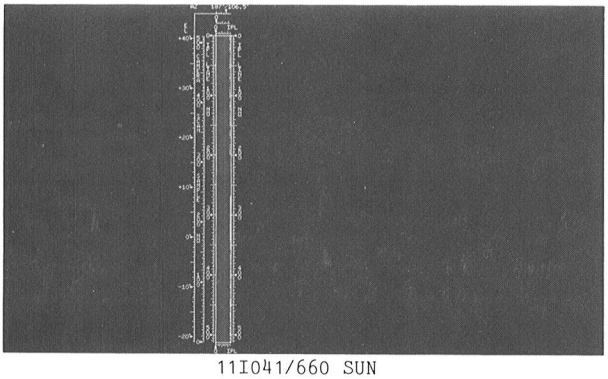
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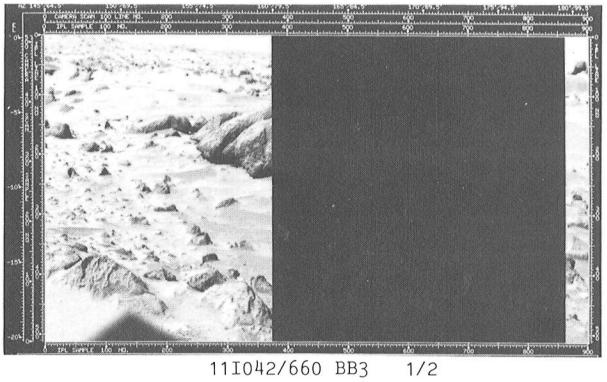
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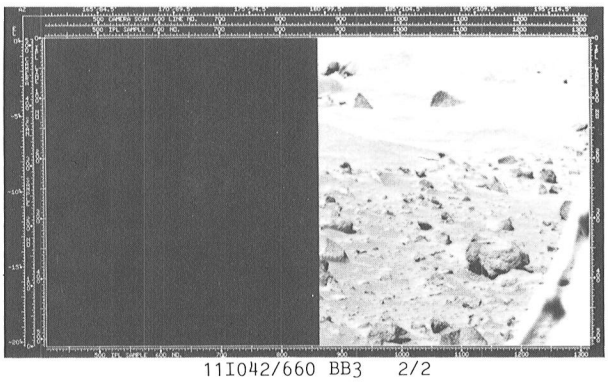
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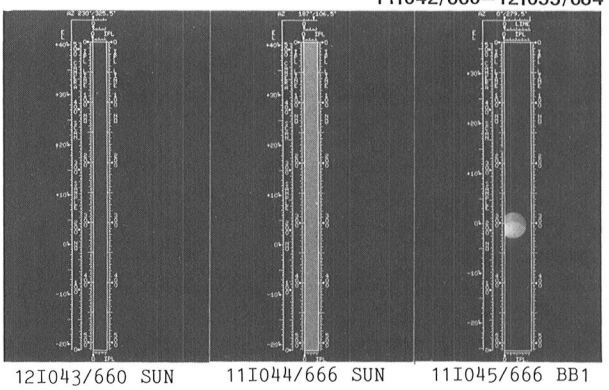
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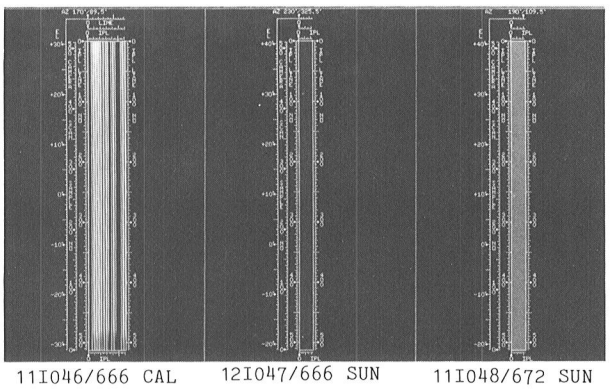
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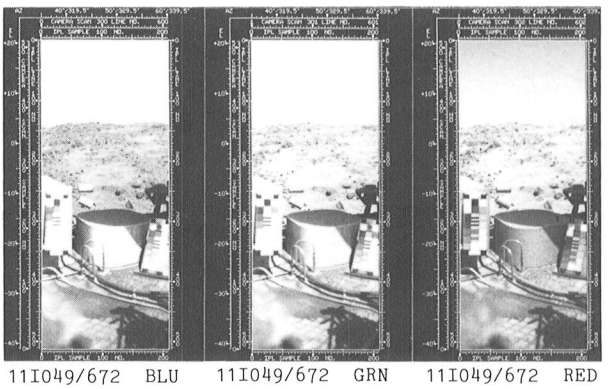
11I042/660 BB3 2/2



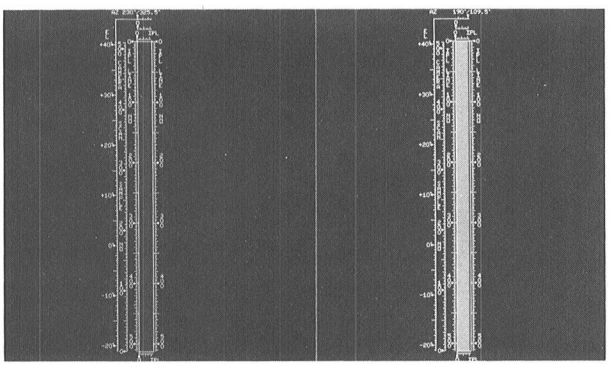
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11I046/666 CAL 12I047/666 SUN 11I048/672 SUN



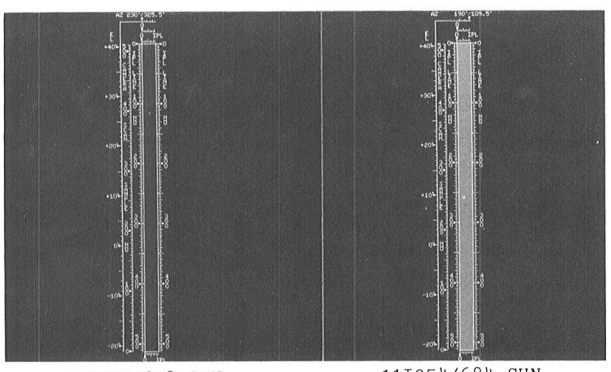
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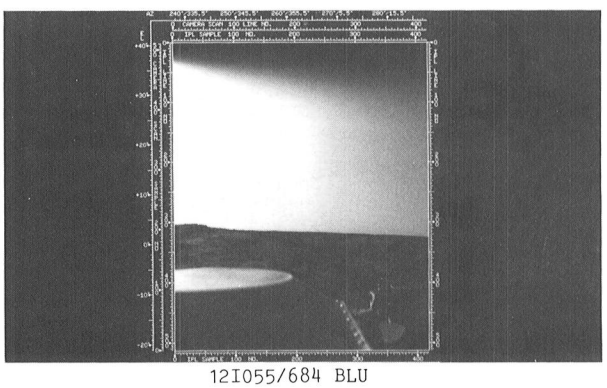
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11I052/678 BB4

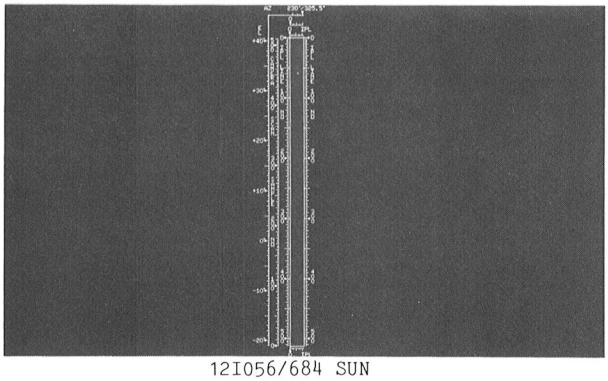


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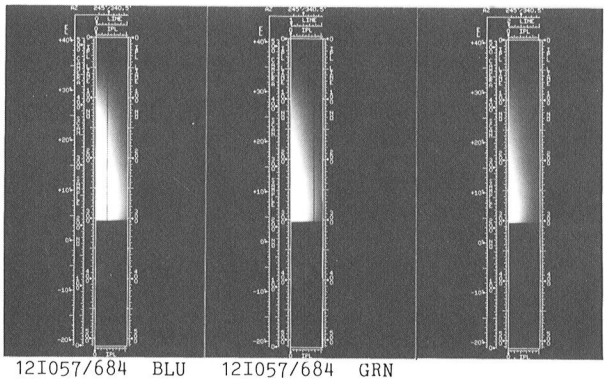


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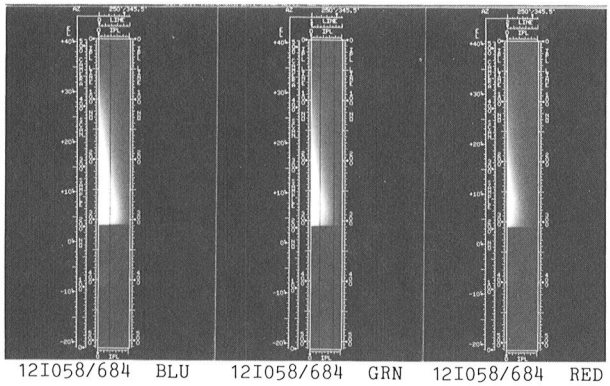
VL-I



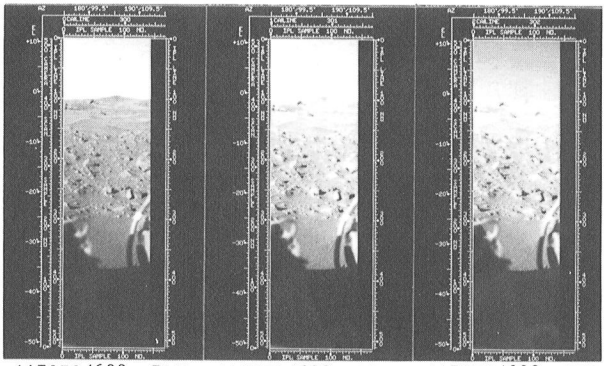
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12I057/684 BLU 12I057/684 GRN



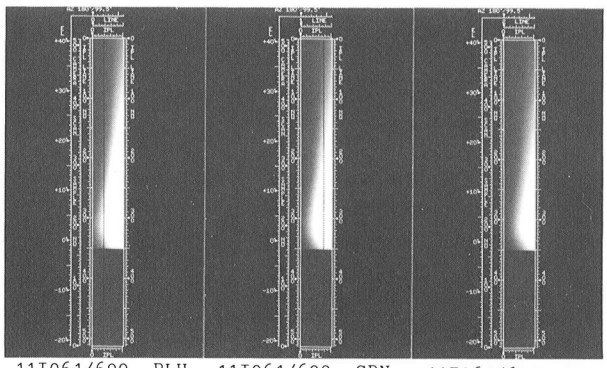
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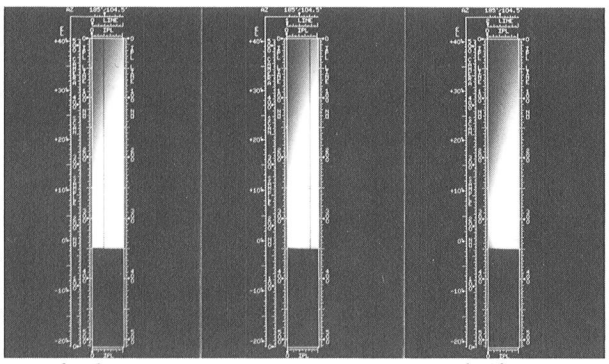
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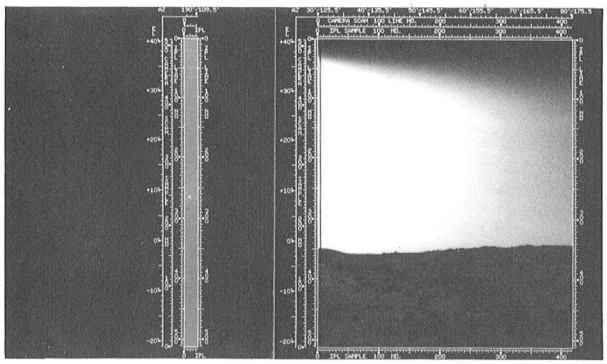
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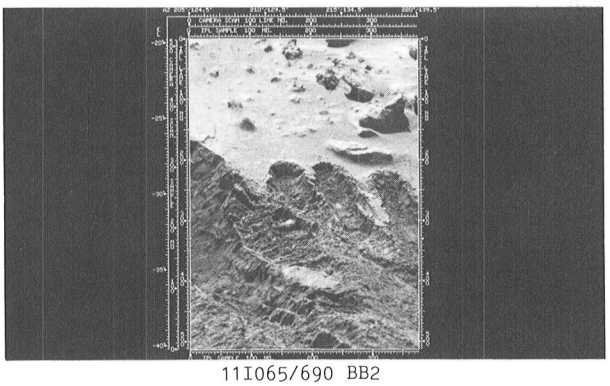
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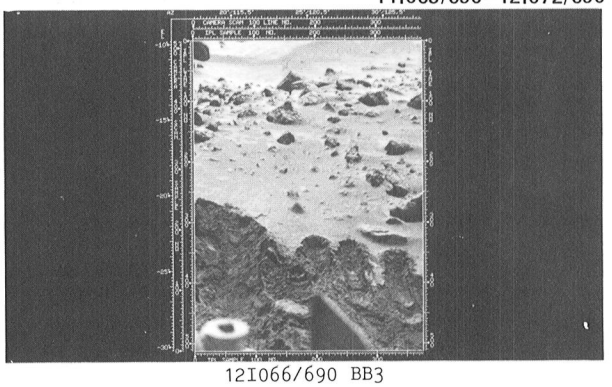


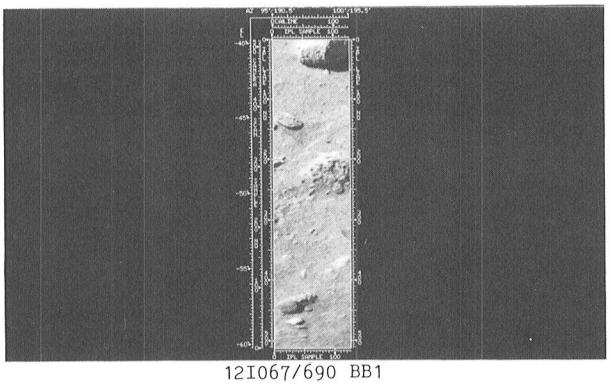
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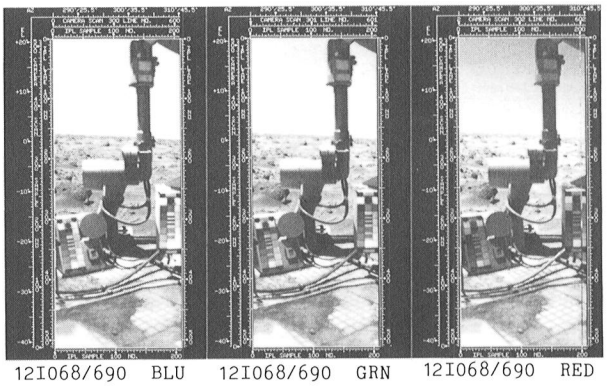


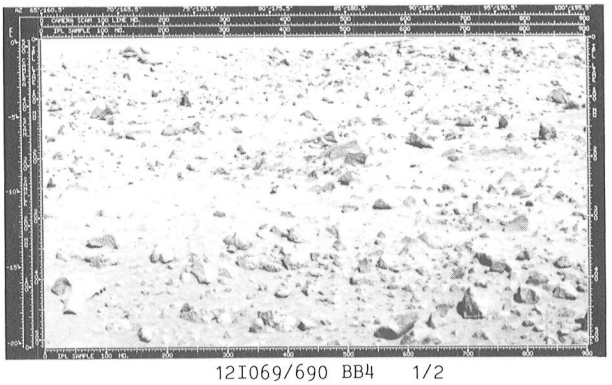
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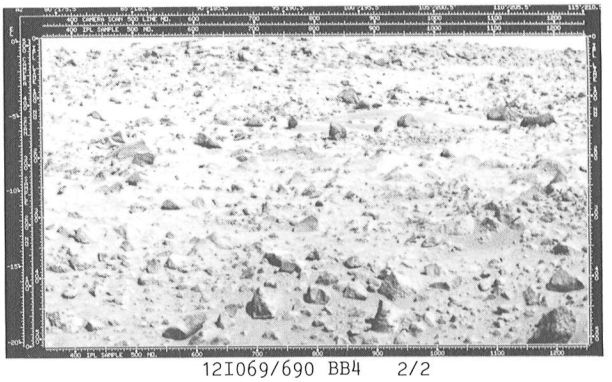

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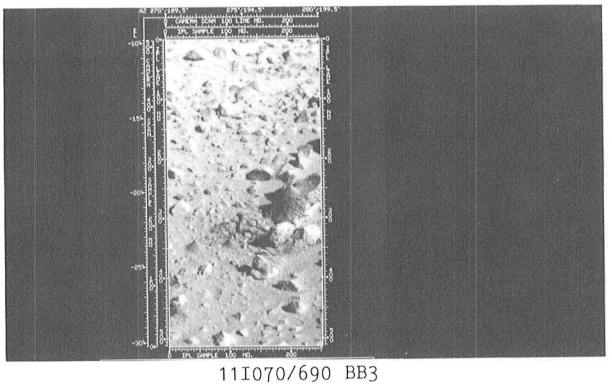

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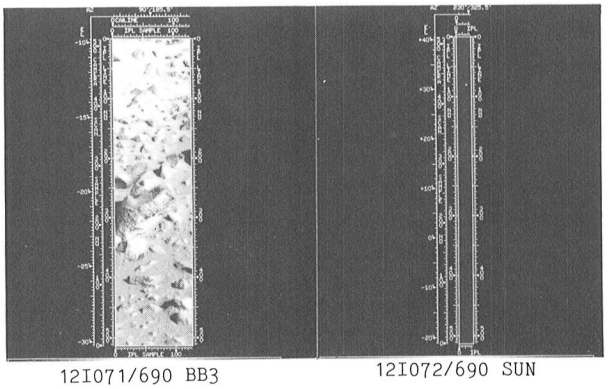

12I067/690 BB1


12I068/690 BLU 12I068/690 GRN 12I068/690 RED


12I069/690 BB4 1/2


12I069/690 BB4 2/2


11I070/690 BB3


12I071/690 BB3 12I072/690 SUN

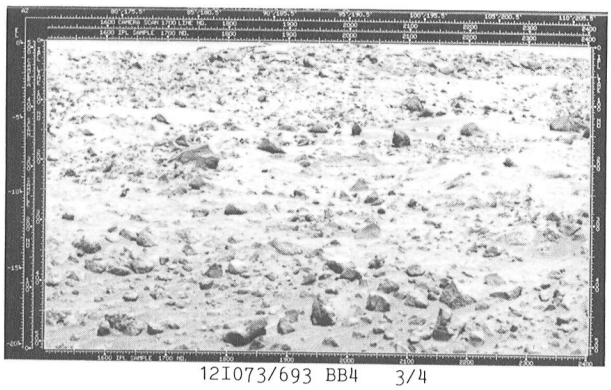
VL-I



12I073/693 BB4 1/4



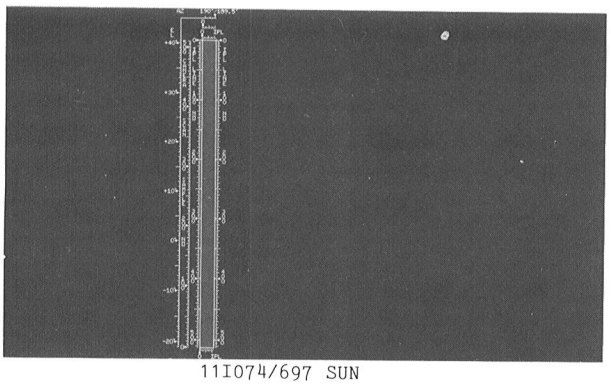
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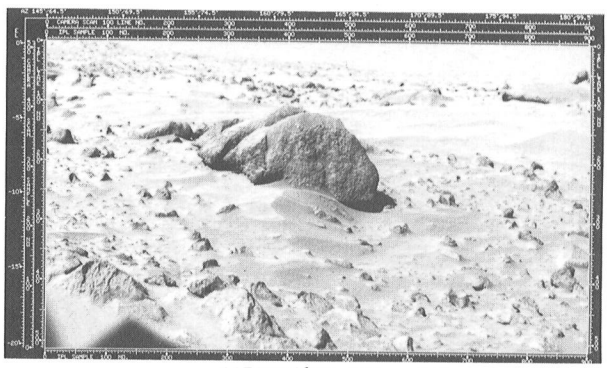
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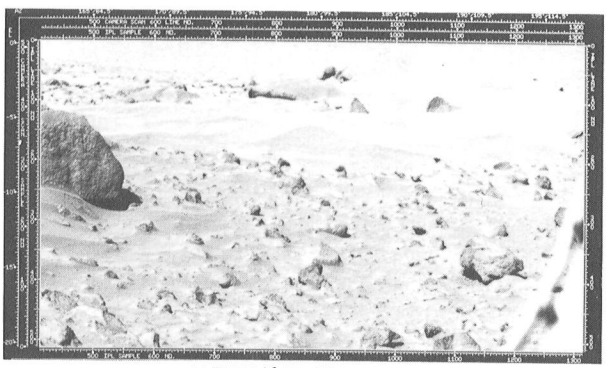
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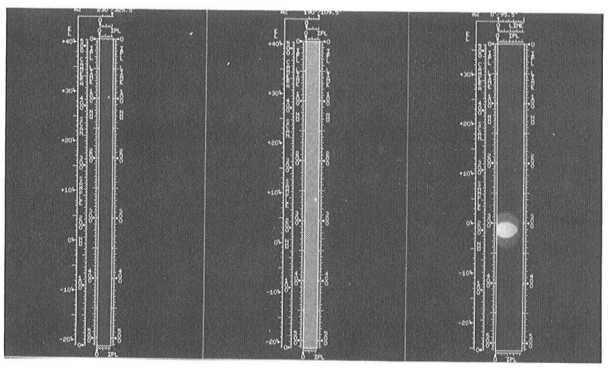
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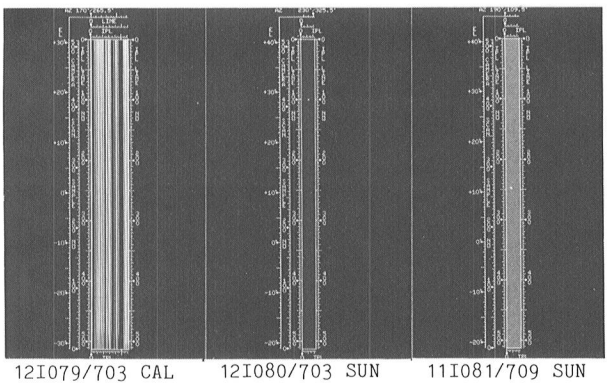
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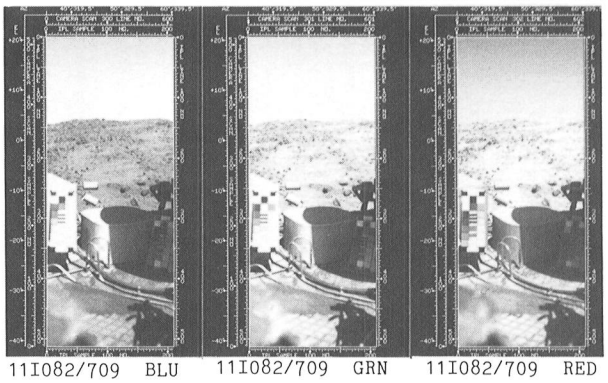
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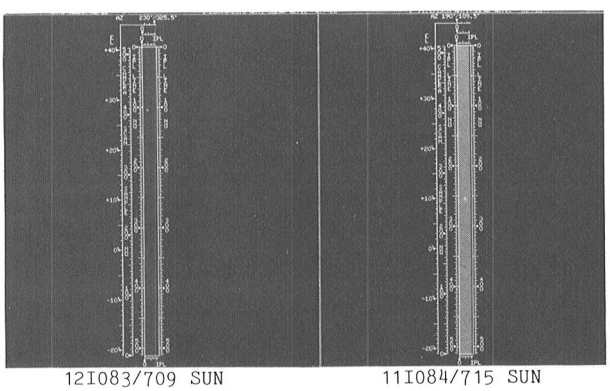
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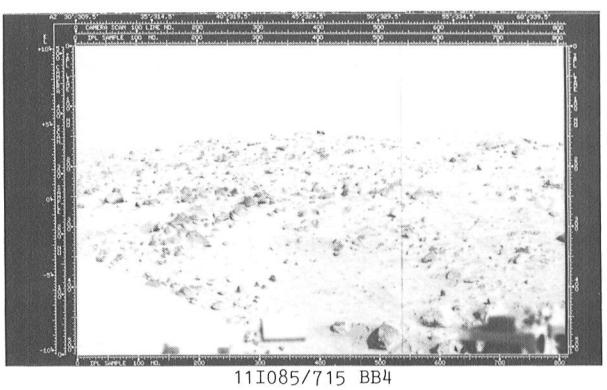
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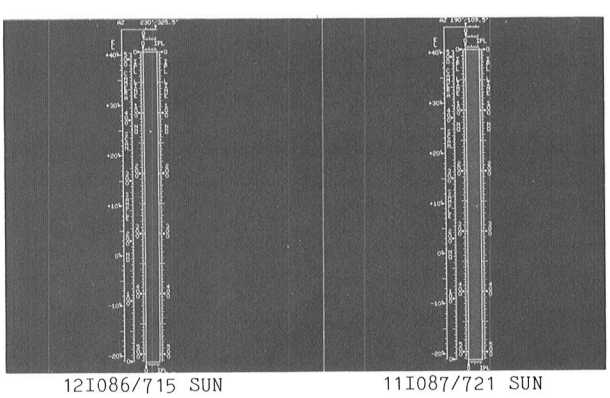
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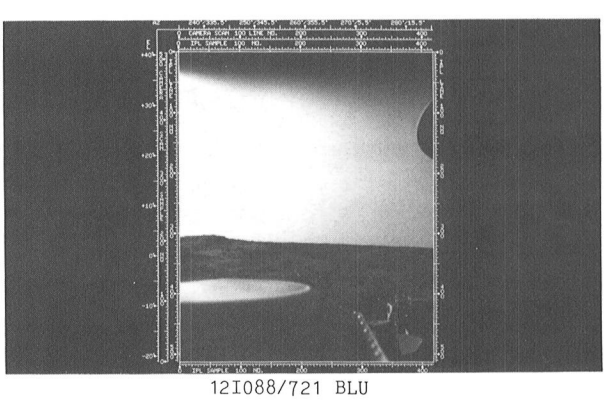
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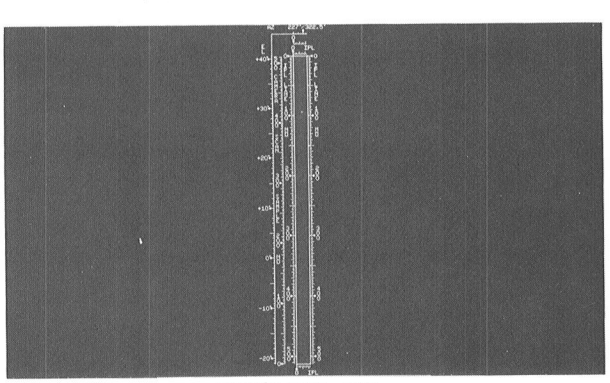
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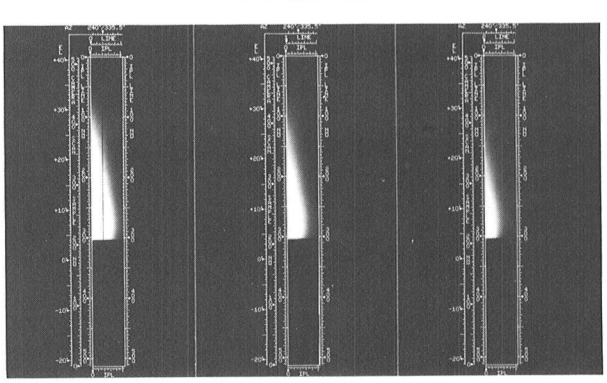
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12I088/721 BLU

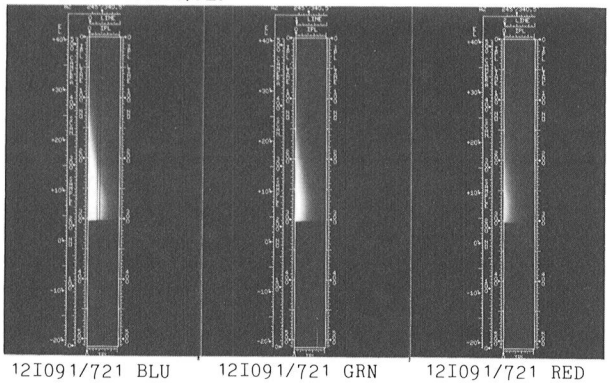


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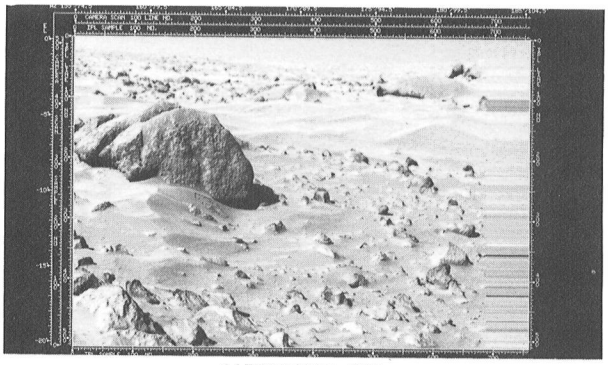


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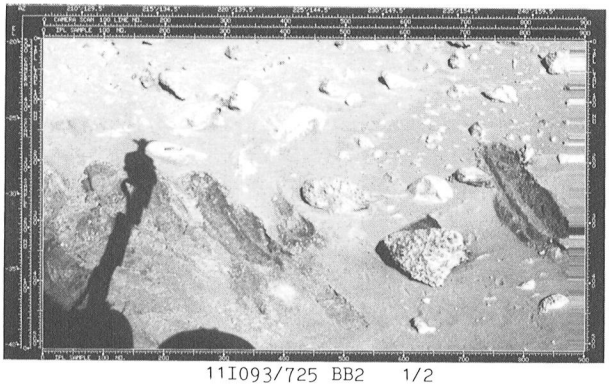
VL-I



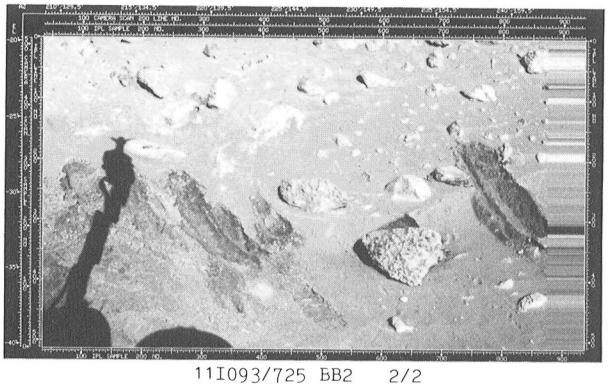
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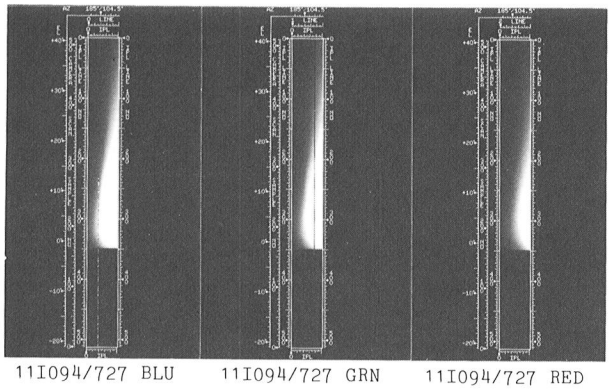
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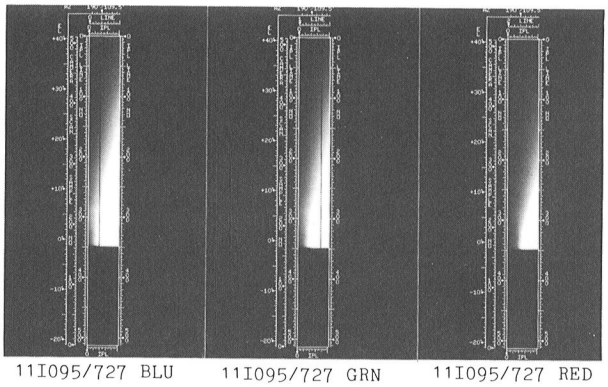
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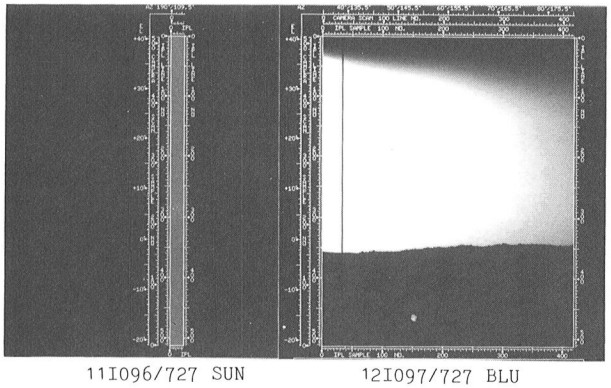
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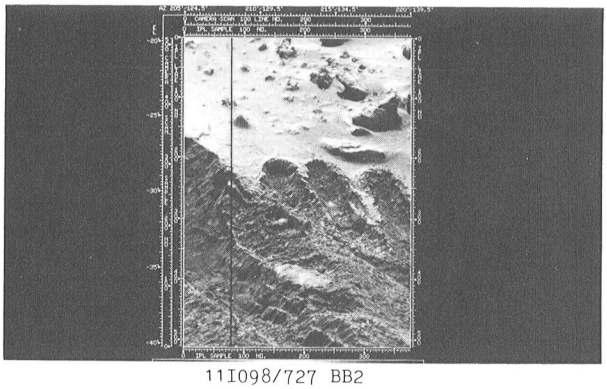
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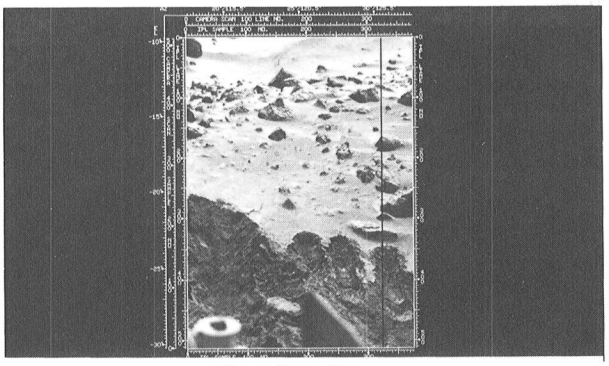
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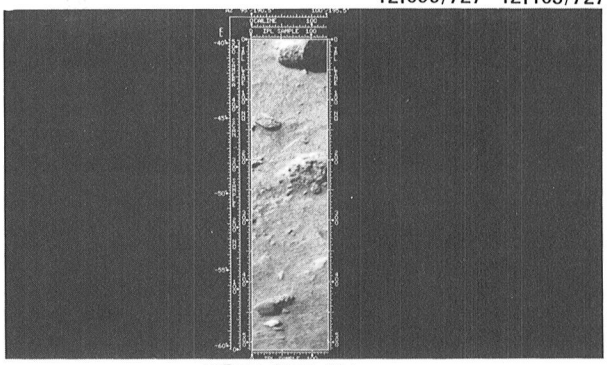
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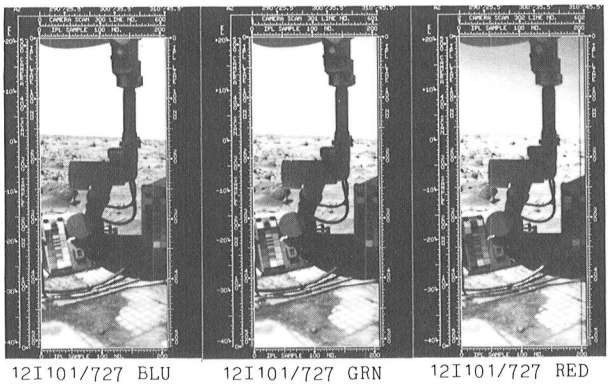
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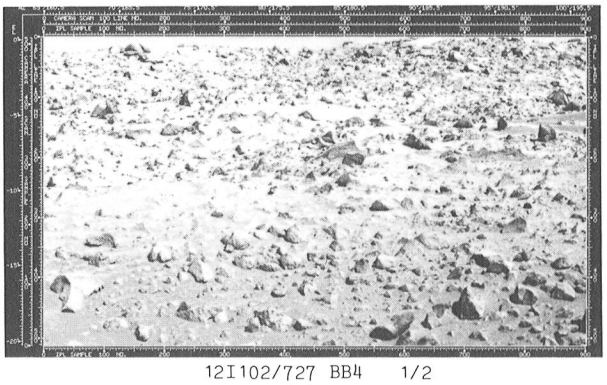
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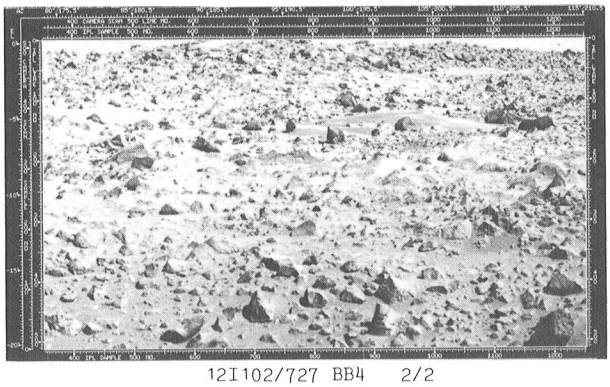
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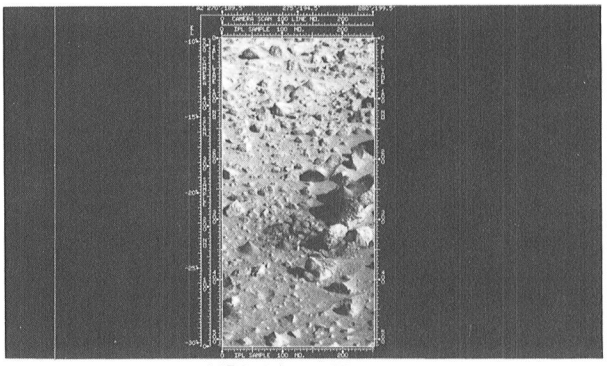
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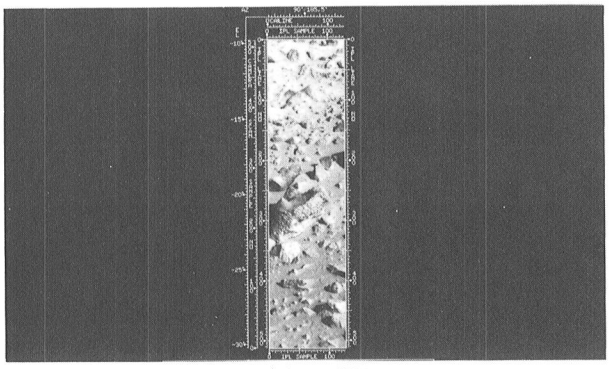
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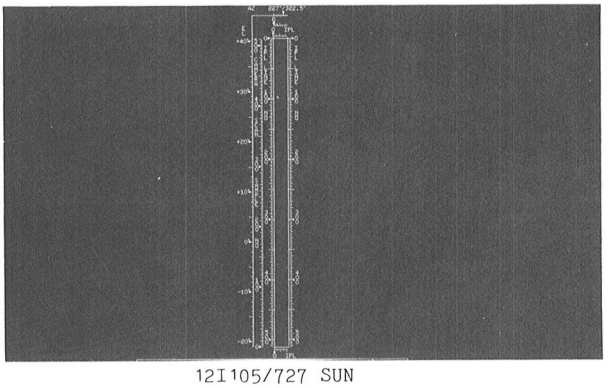
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11I103/727 BB3



12I104/727 BB3

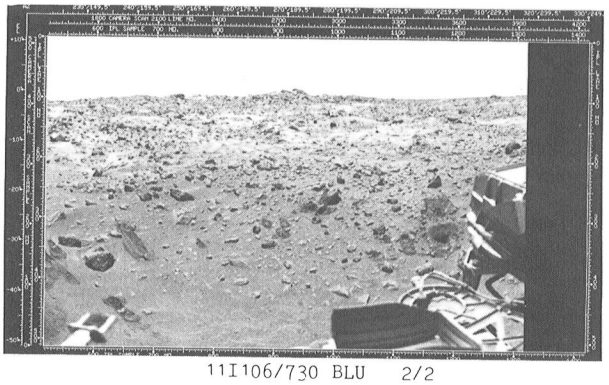


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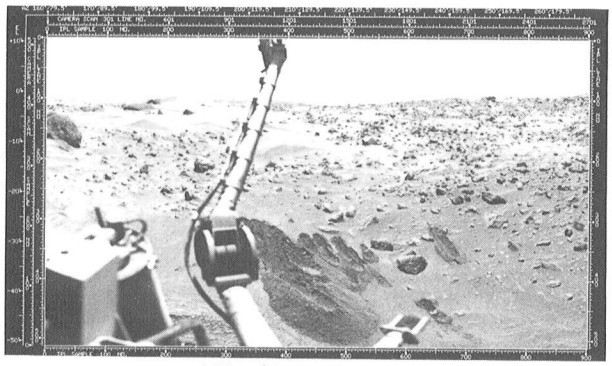
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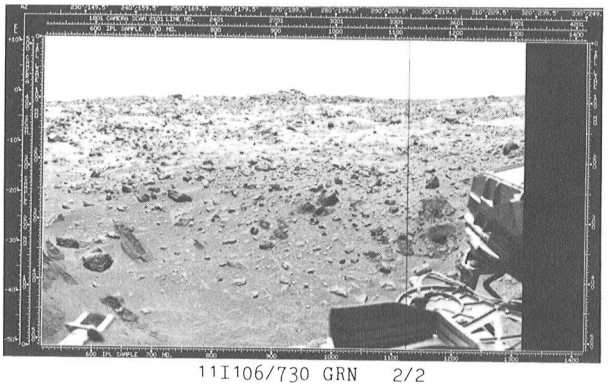
11I106/730 BLU 1/2



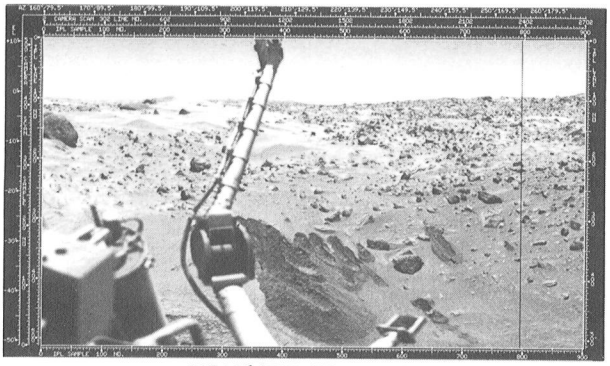
11I106/730 BLU 2/2



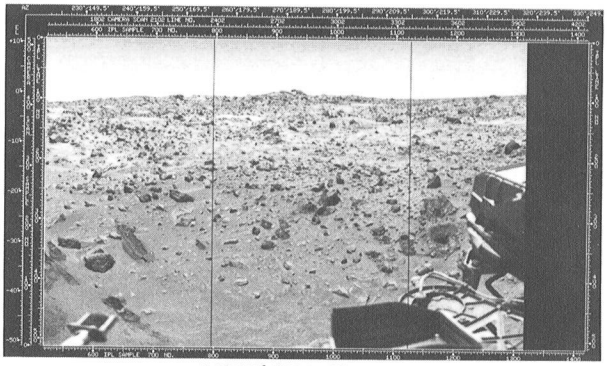
11I106/730 GRN 1/2



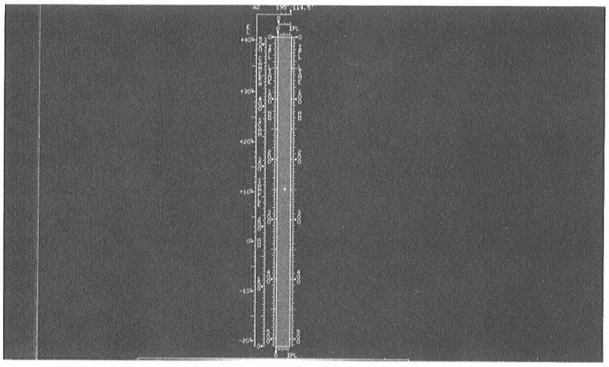
11I106/730 GRN 2/2



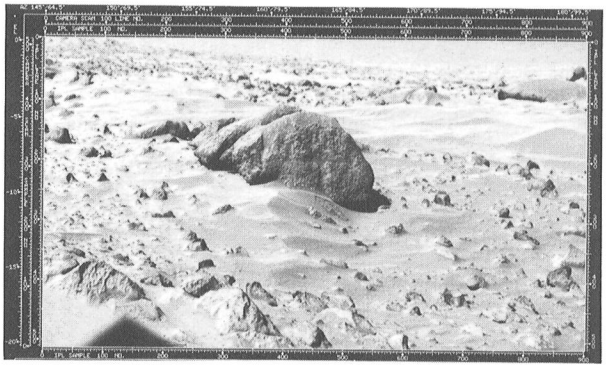
11I106/730 RED 1/2



11I106/730 RED 2/2



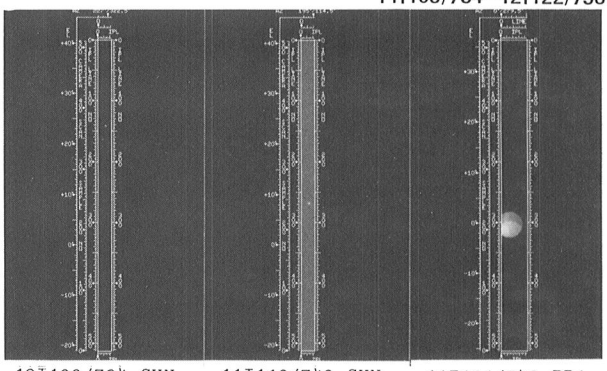
11I107/734 SUN



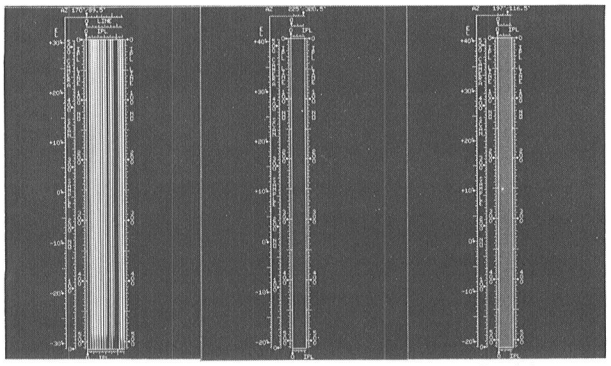
11I108/734 BB3 1/2



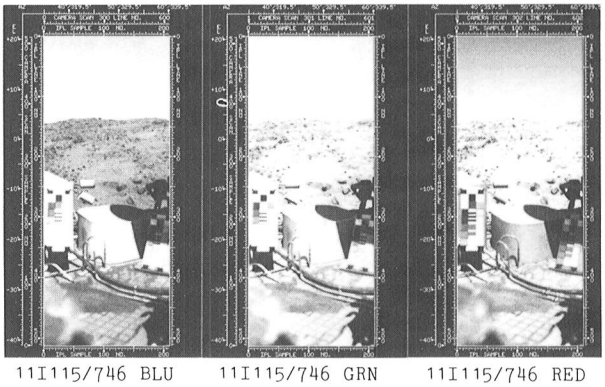
11I108/734 BB3 2/2



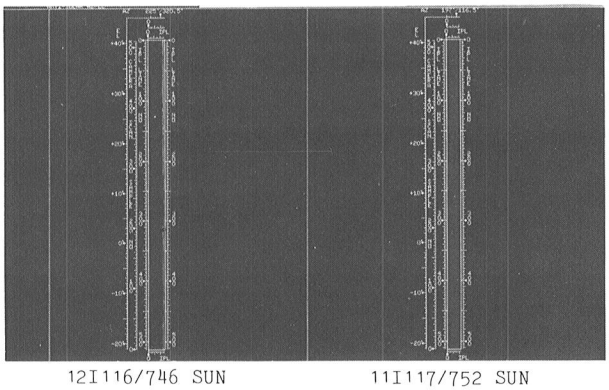
12I109/734 SUN 11I110/740 SUN 11I111/740 BB1



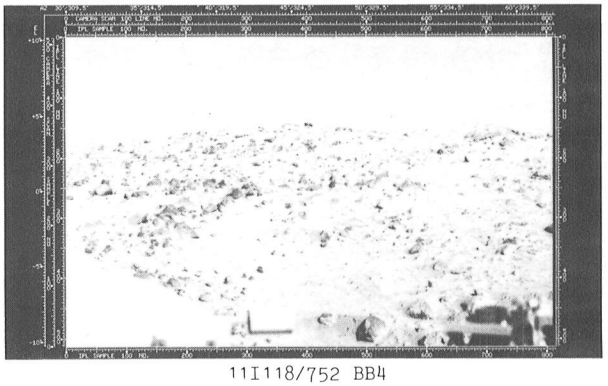
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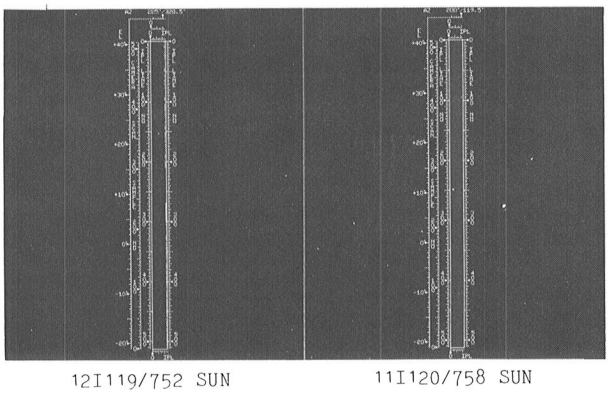
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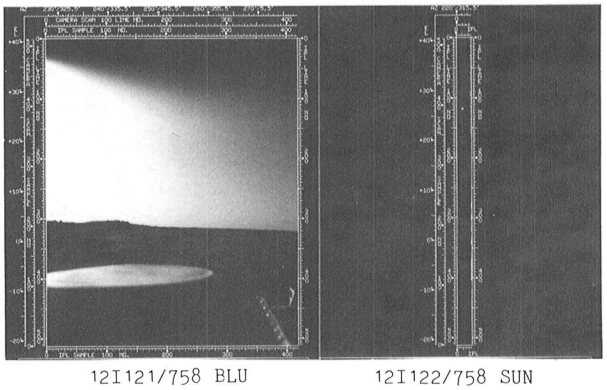
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11I118/752 BB4

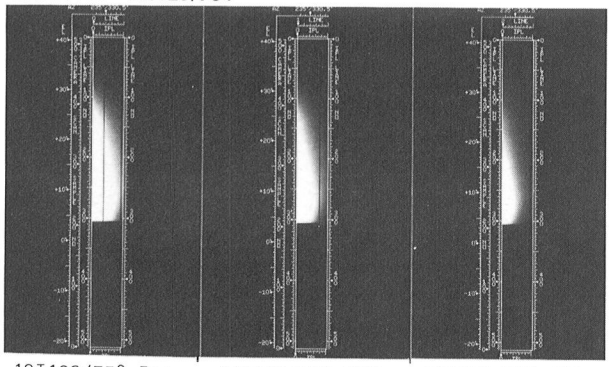


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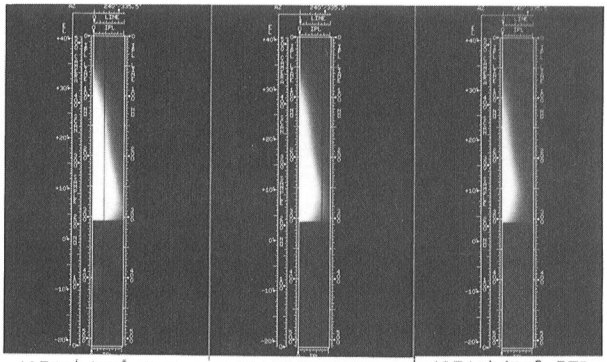


12I121/758 BLU 12I122/758 SUN

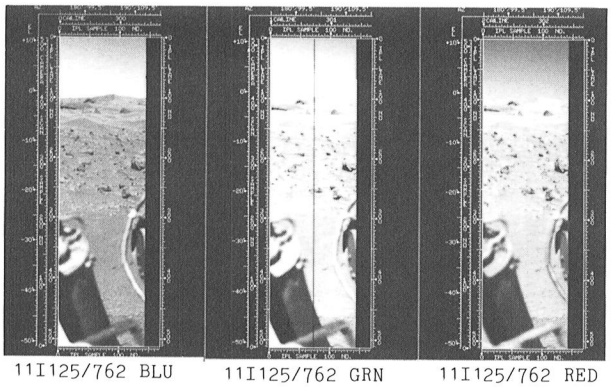
VL-I



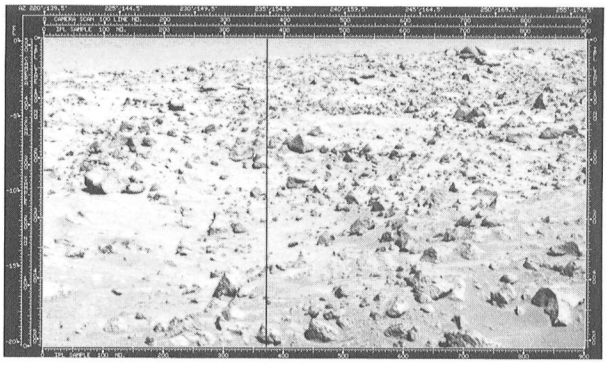
12I123/758 BLU 12I123/758 GRN 12I123/758 RED



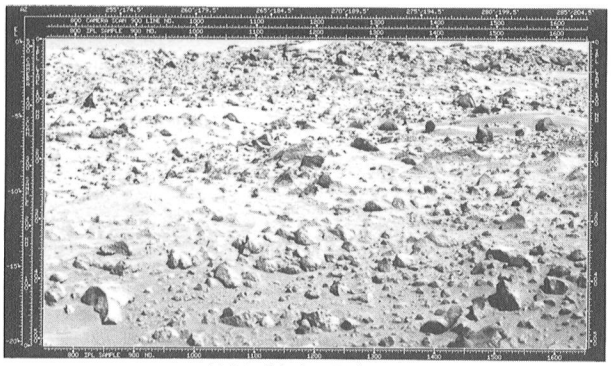
12I124/758 BLU 12I124/758 GRN 12I124/758 RED



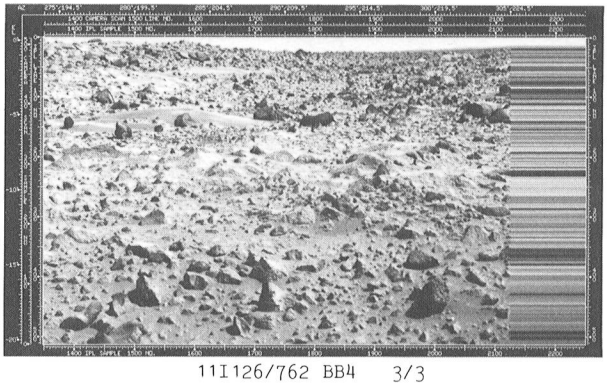
11I125/762 BLU 11I125/762 GRN 11I125/762 RED



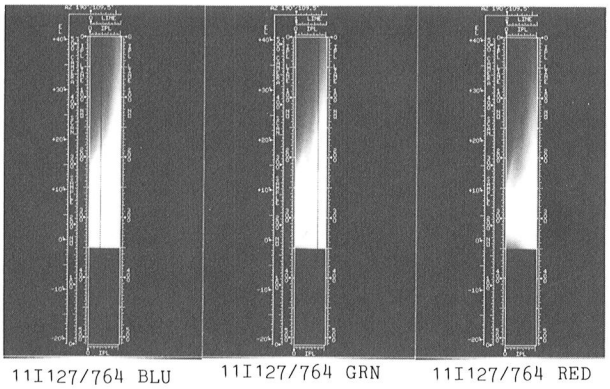
11I126/762 BB4 1/3



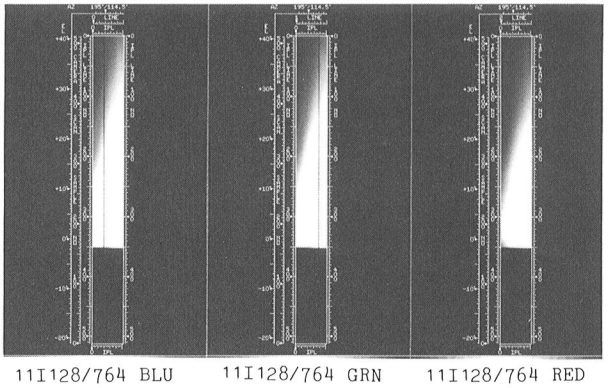
11I126/762 BB4 2/3



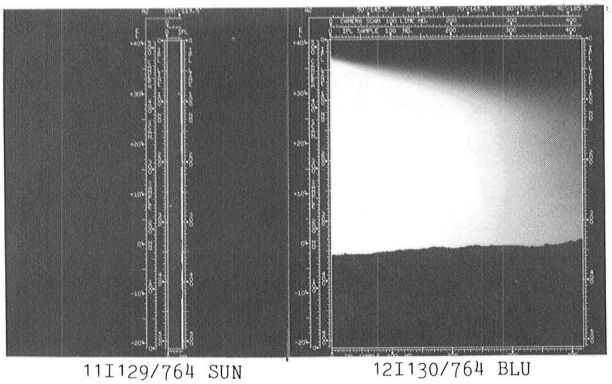
11I126/762 BB4 3/3



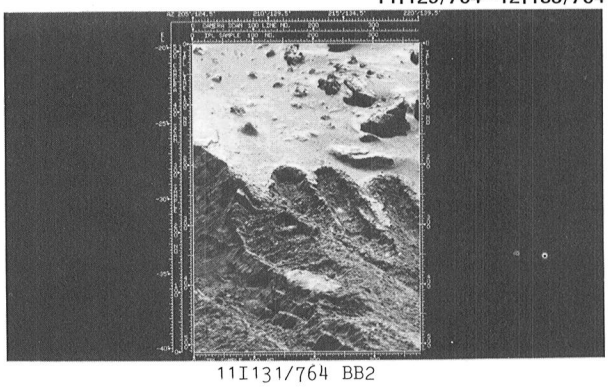
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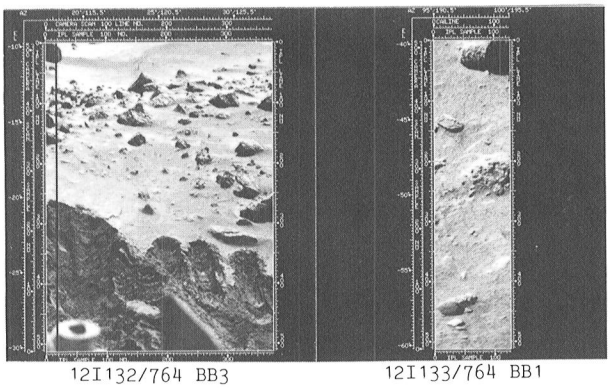
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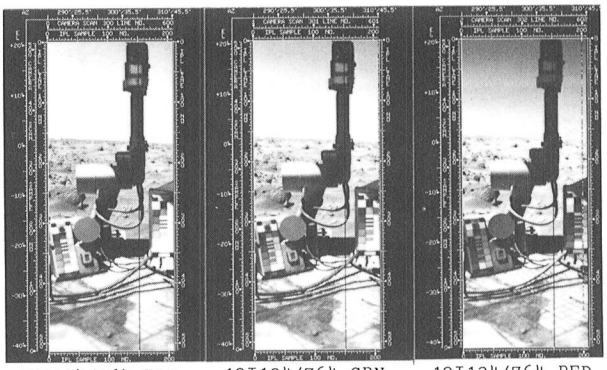
11I129/764 SUN 12I130/764 BLU



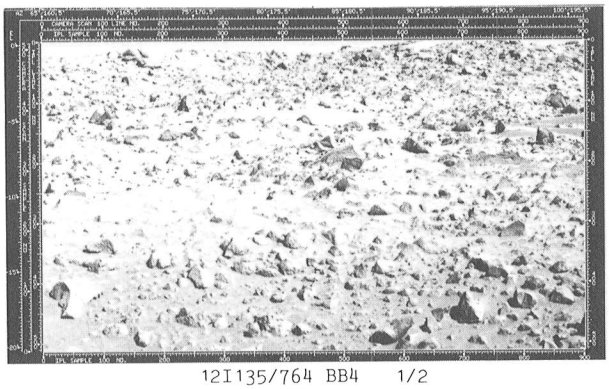
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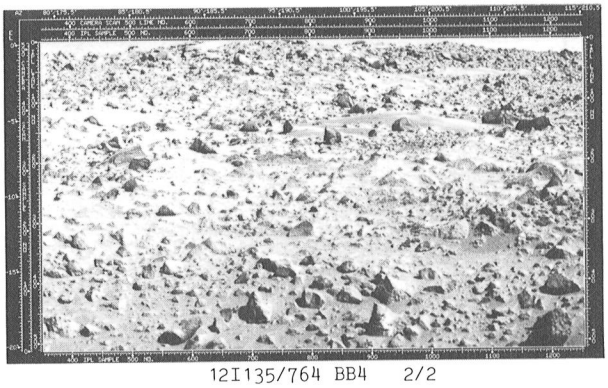
12I132/764 BB3 12I133/764 BB1



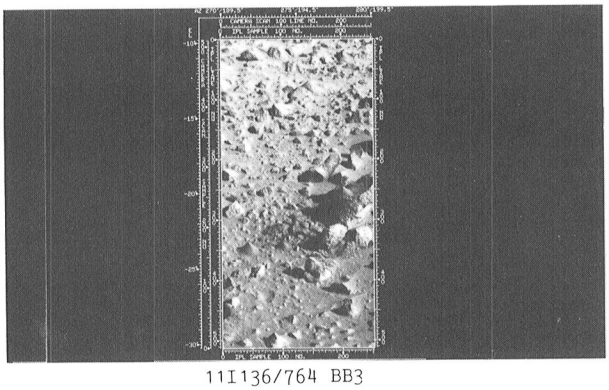
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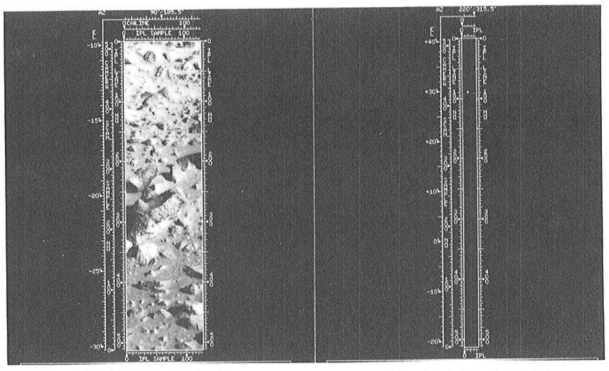
12I135/764 BB4 1/2



12I135/764 BB4 2/2



11I136/764 BB3

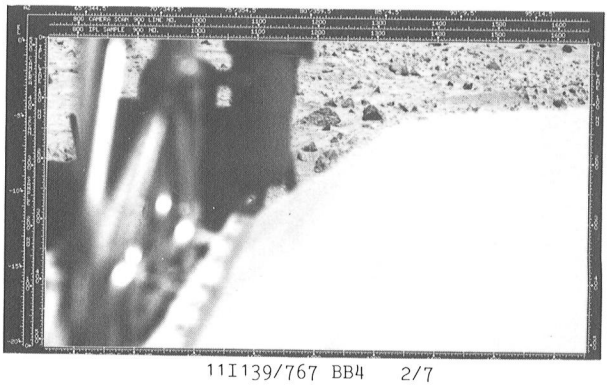


12I137/764 BB3 12I138/764 SUN

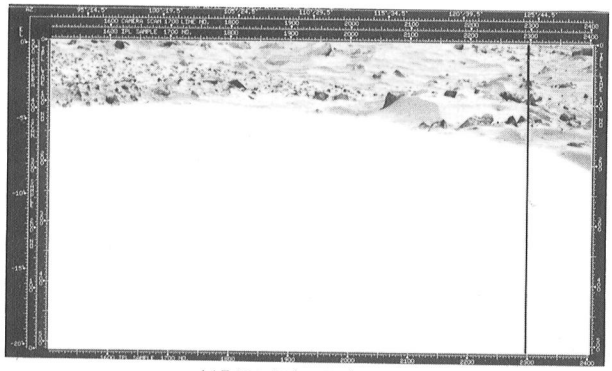
VL-I



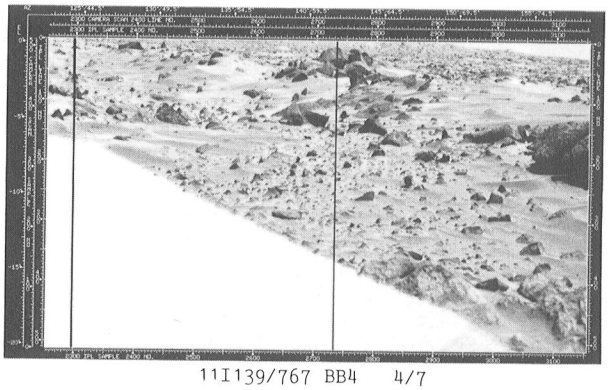
11I139/767 BB4 1/7



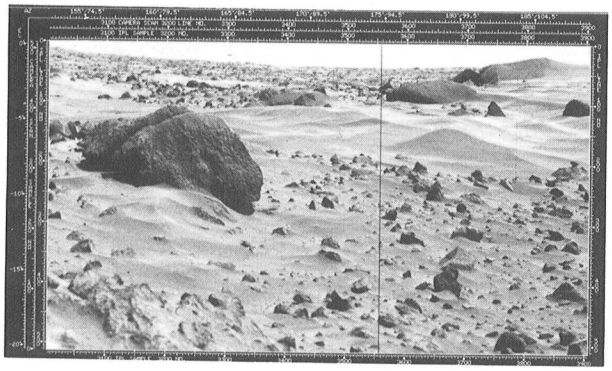
11I139/767 BB4 2/7



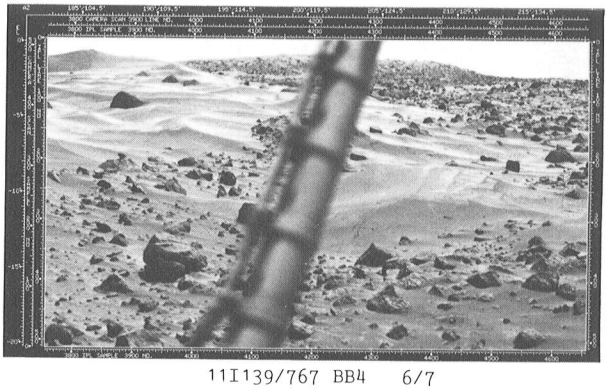
11I139/767 BB4 3/7



11I139/767 BB4 4/7



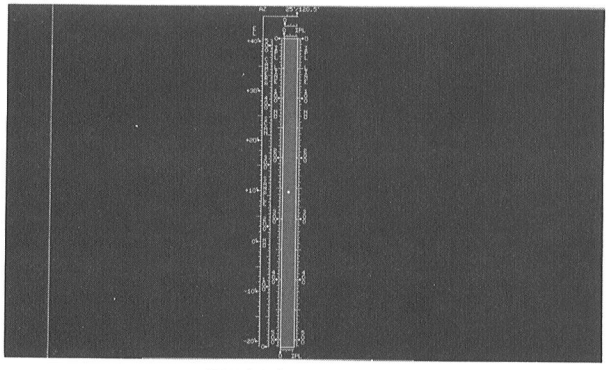
11I139/767 BB4 5/7



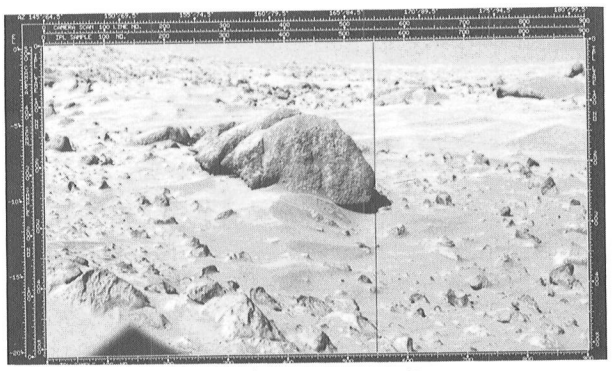
11I139/767 BB4 6/7



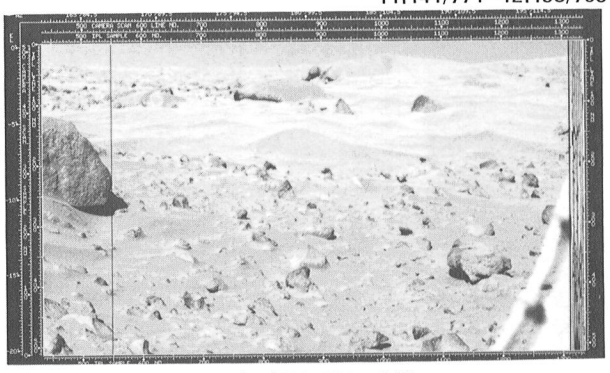
11I139/767 BB4 7/7



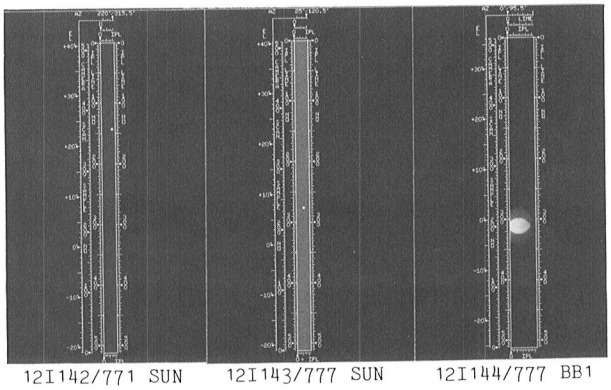
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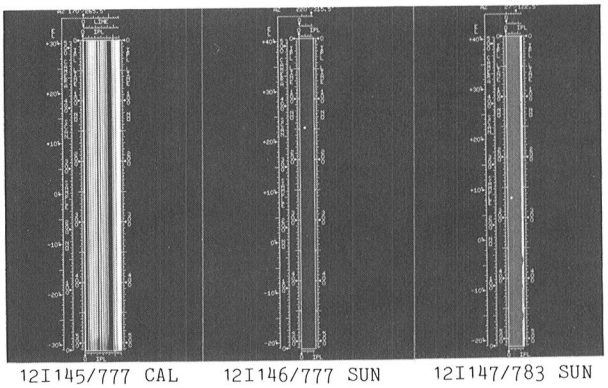
11I141/771 BB3 1/2



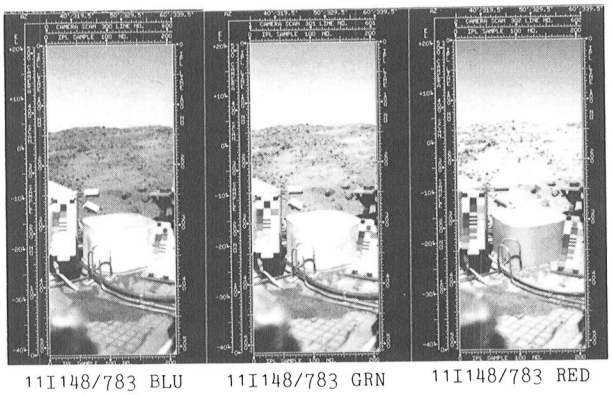
11I141/771 BB3 2/2



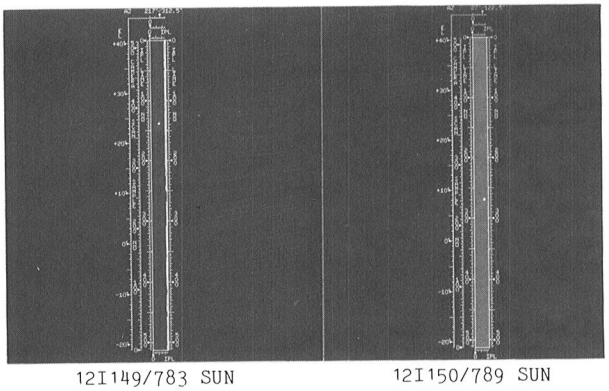
12I142/771 SUN 12I143/777 SUN 12I144/777 BB1



12I145/777 CAL 12I146/777 SUN 12I147/783 SUN



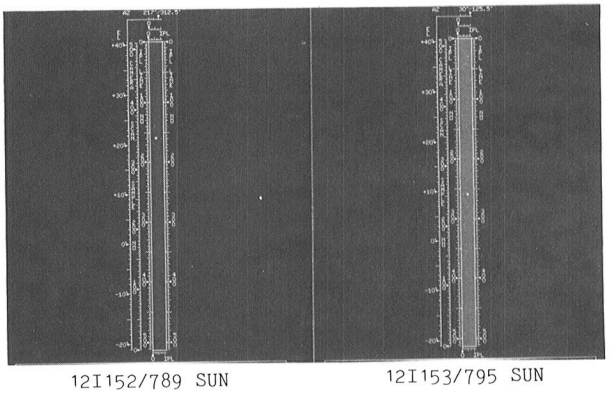
11I148/783 BLU 11I148/783 GRN 11I148/783 RED



12I149/783 SUN 12I150/789 SUN

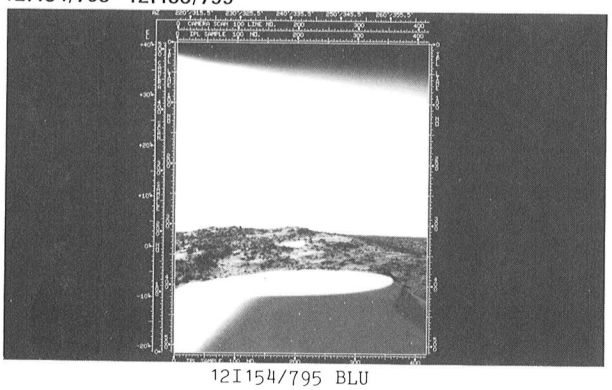


11I151/789 BB4

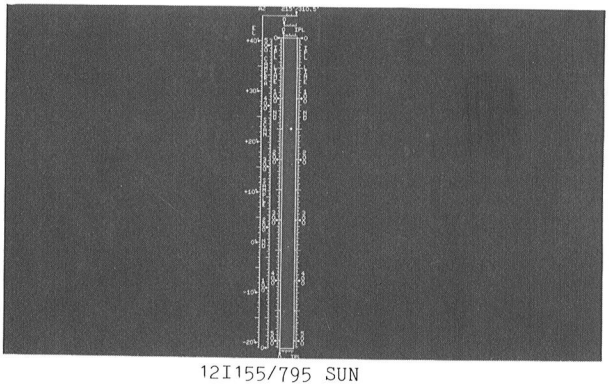


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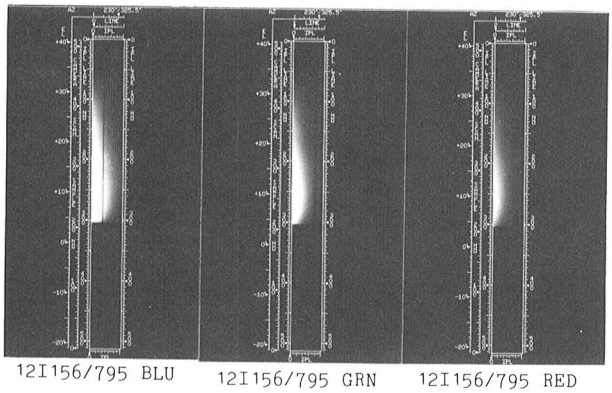
VL-I



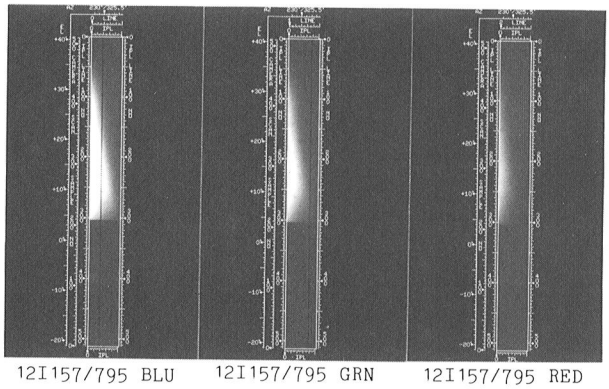
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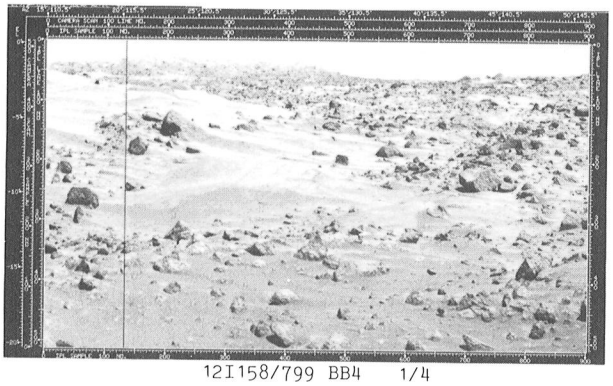
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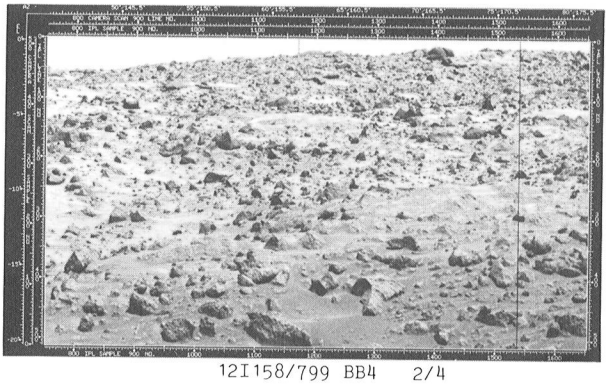
12I156/795 BLU 12I156/795 GRN 12I156/795 RED



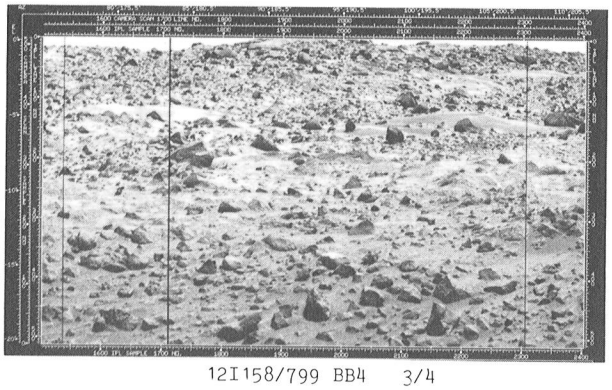
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12I158/799 BB4 1/4



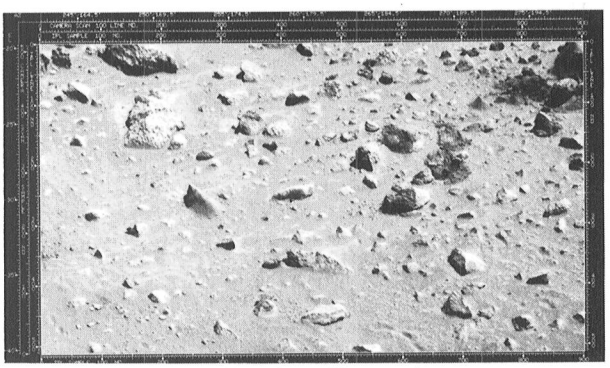
12I158/799 BB4 2/4



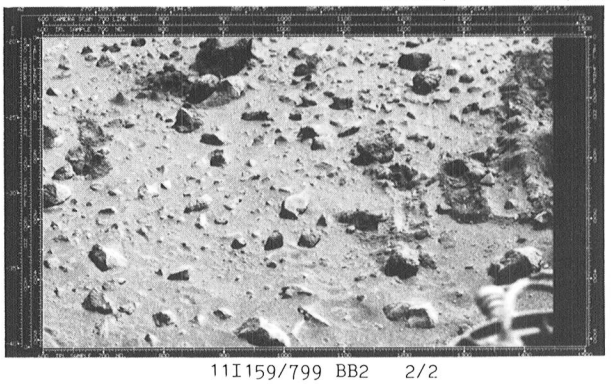
12I158/799 BB4 3/4



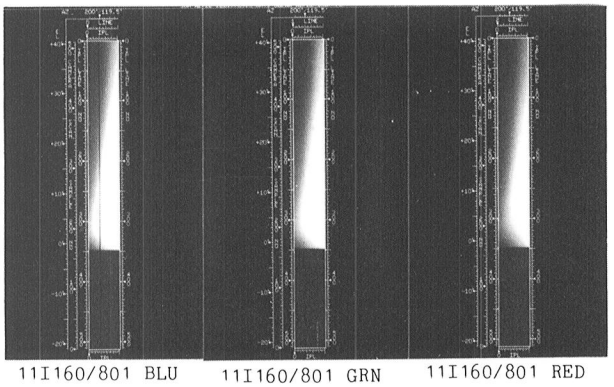
12I158/799 BB4 4/4



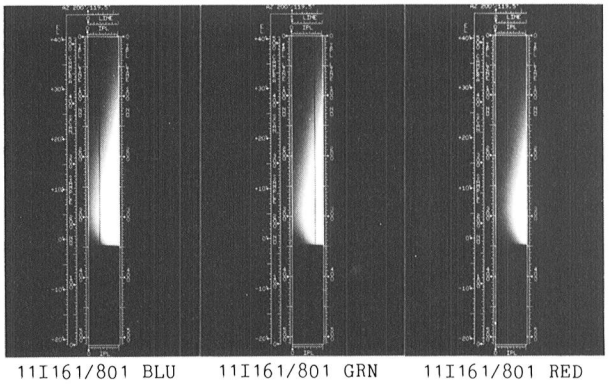
11I159/799 BB2 1/2



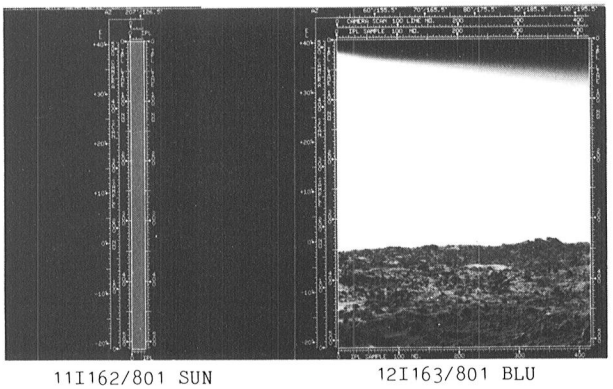
11I159/799 BB2 2/2



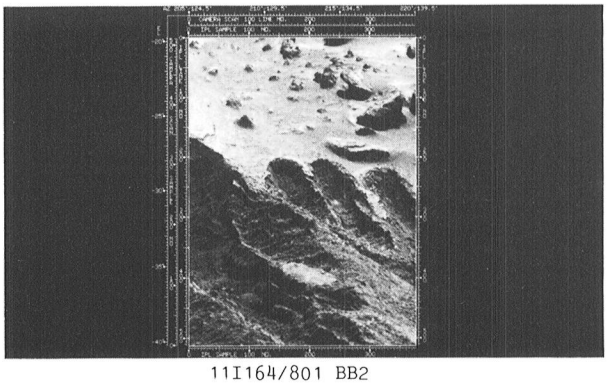
11I160/801 BLU 11I160/801 GRN 11I160/801 RED



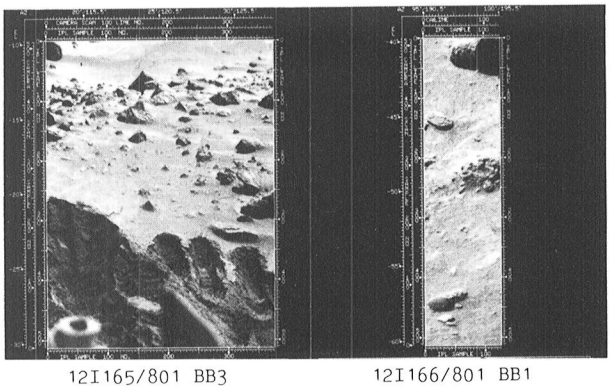
11I161/801 BLU 11I161/801 GRN 11I161/801 RED



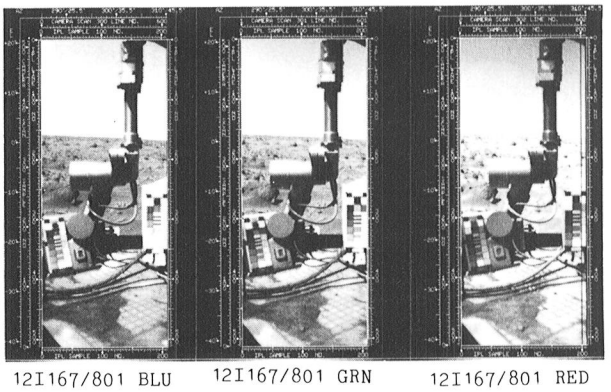
11I162/801 SUN 12I163/801 BLU



11I164/801 BB2

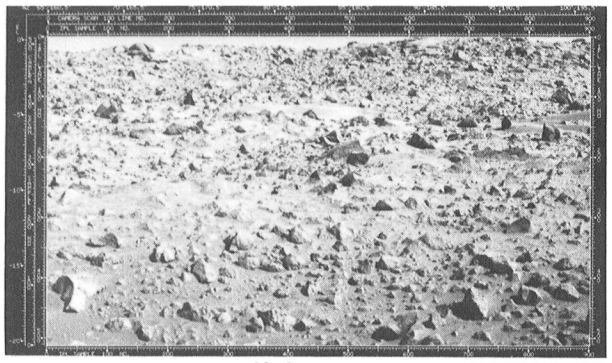


12I165/801 BB3 12I166/801 BB1

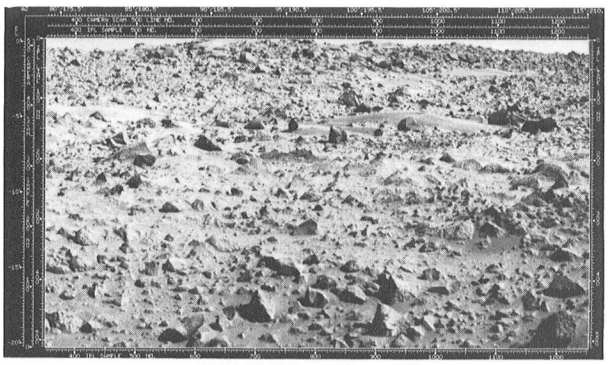


12I167/801 BLU 12I167/801 GRN 12I167/801 RED

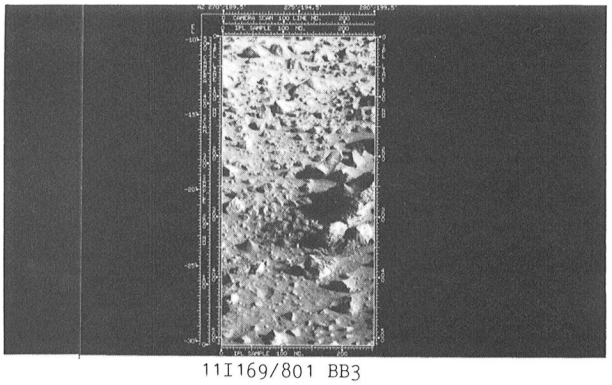
VL-I



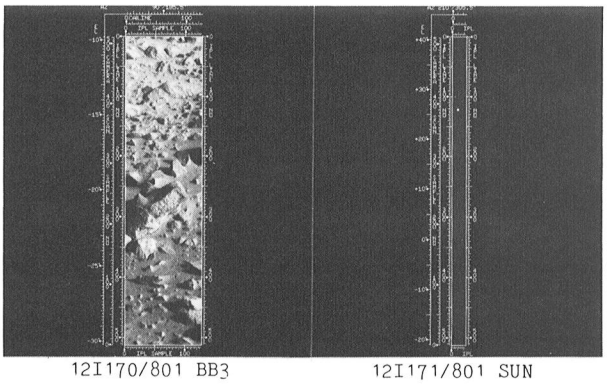
12I168/801 BB4 1/2



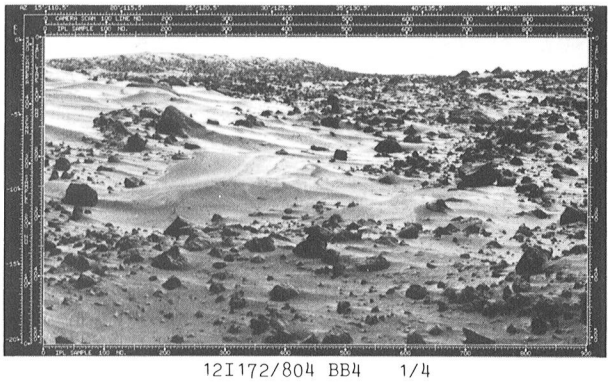
12I168/801 BB4 2/2



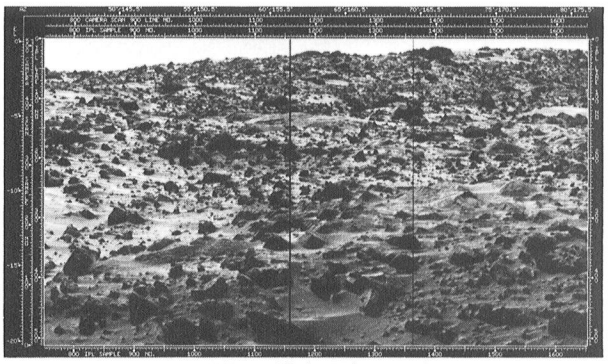
11I169/801 BB3



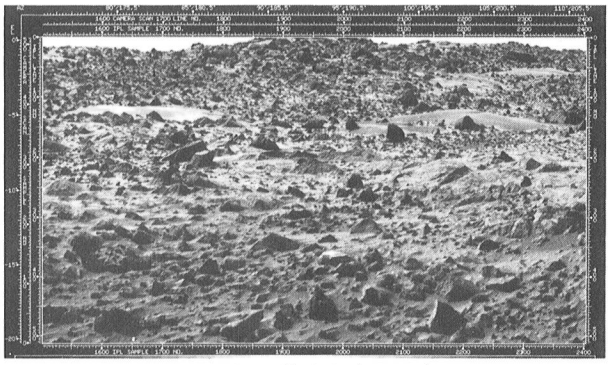
12I170/801 BB3 12I171/801 SUN



12I172/804 BB4 1/4



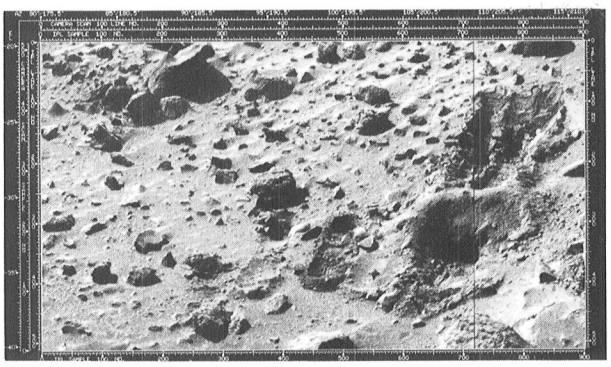
12I172/804 BB4 2/4



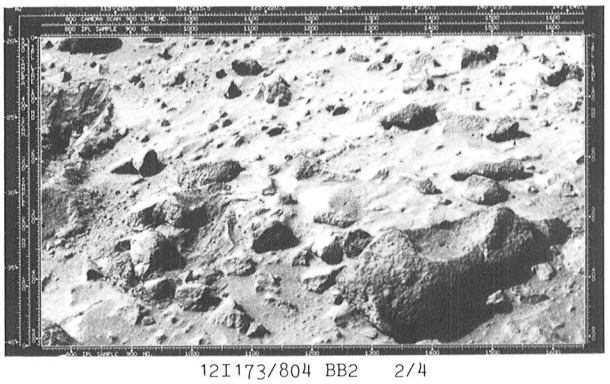
12I172/804 BB4 3/4



12I172/804 BB4 4/4



12I173/804 BB2 1/4



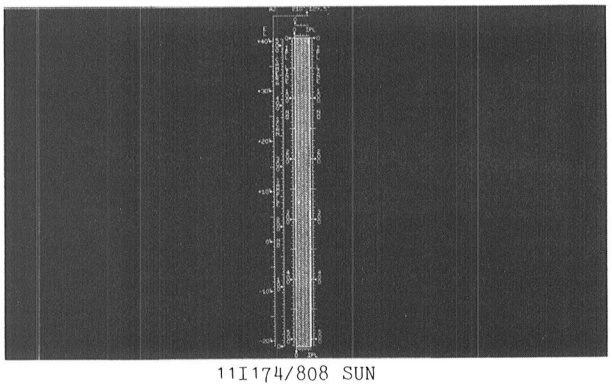
12I173/804 BB2 2/4



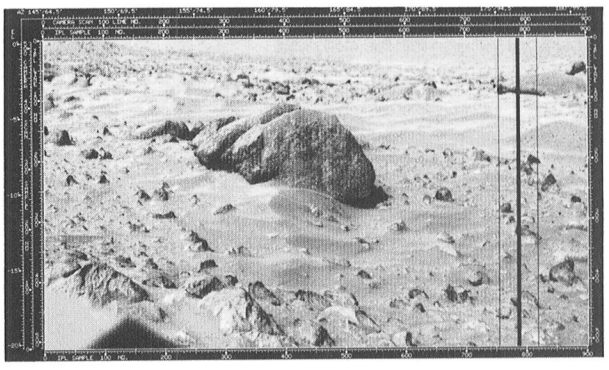
12I173/804 BB2 3/4

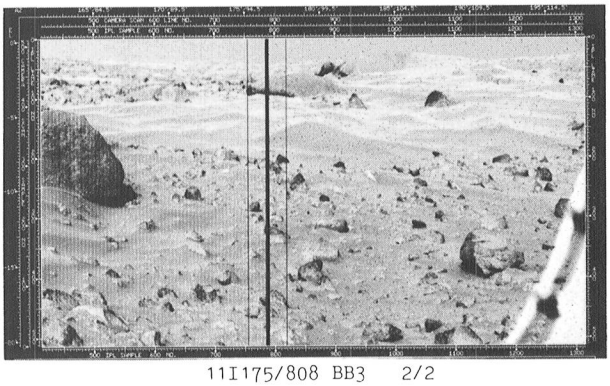


12I173/804 BB2 4/4

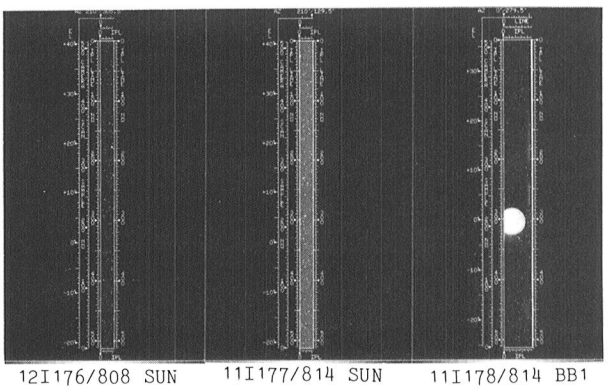


11I174/808 SUN



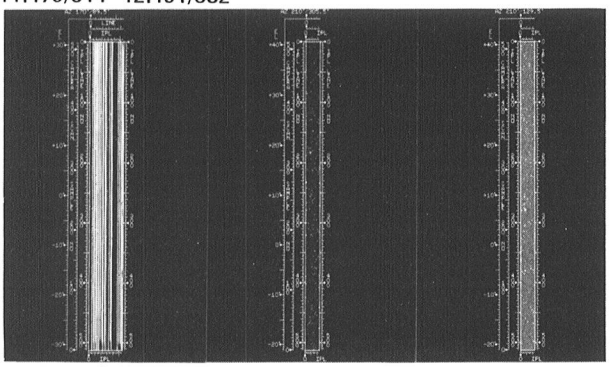


11I175/808 BB3 2/2

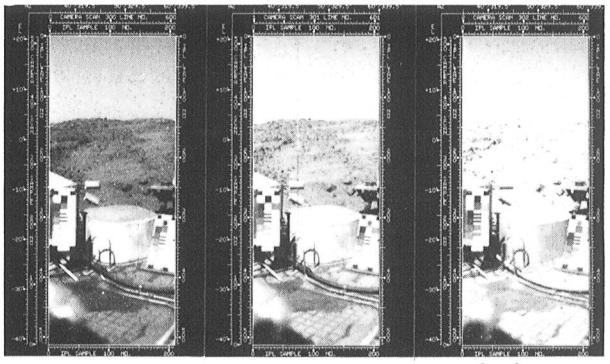


12I176/808 SUN 11I177/814 SUN 11I178/814 BB1

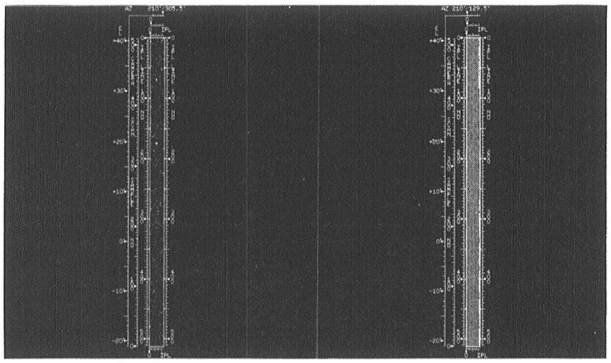
VL-I



11I179/814 CAL 12I180/814 SUN 11I181/820 SUN



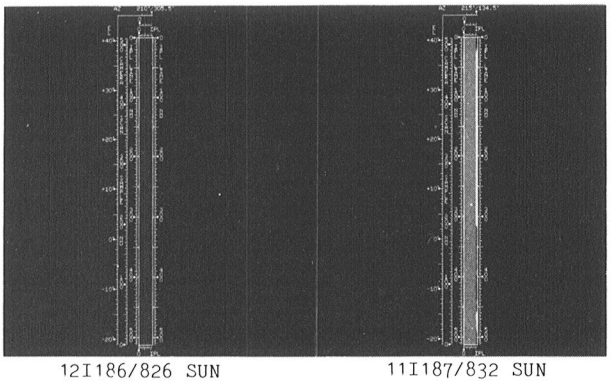
11I182/820 BLU 11I182/820 GRN 11I182/820 RED



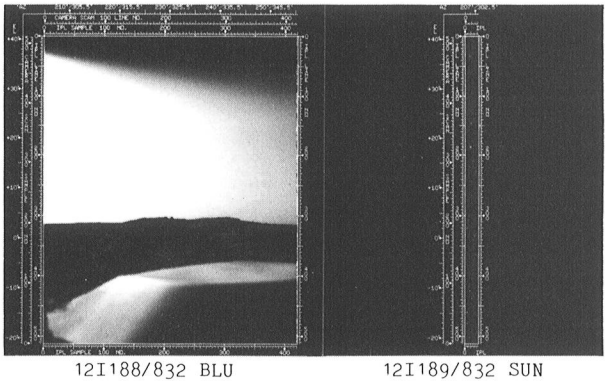
12I183/820 SUN 11I184/826 SUN



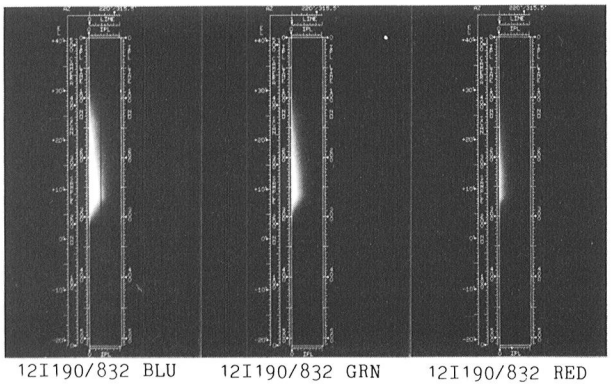
11I185/826 BB4



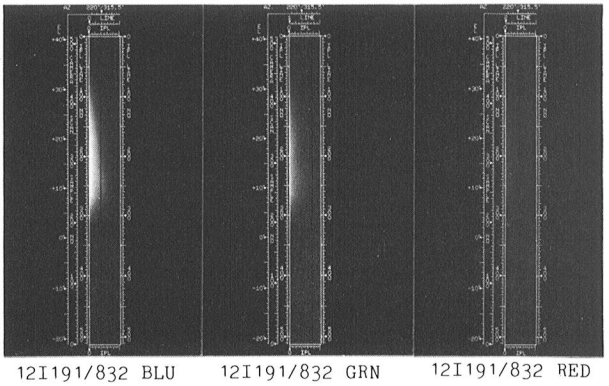
12I186/826 SUN 11I187/832 SUN



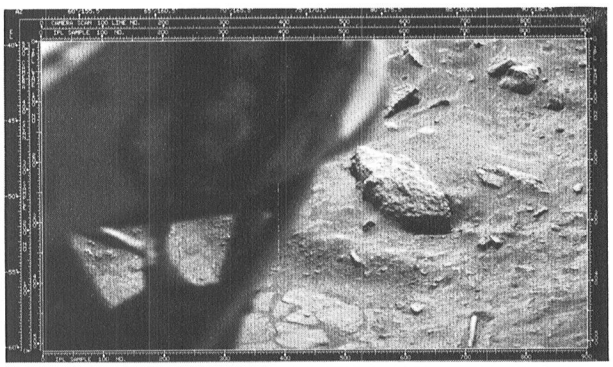
12I188/832 BLU 12I189/832 SUN



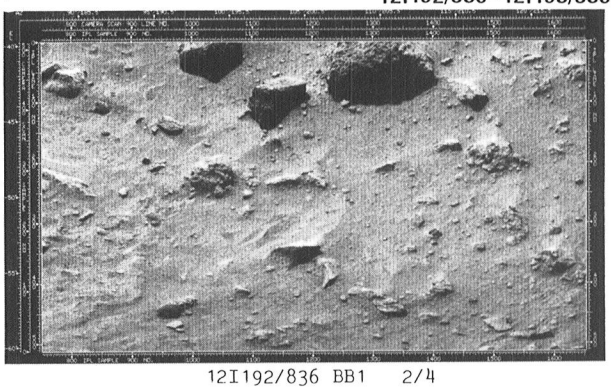
12I190/832 BLU 12I190/832 GRN 12I190/832 RED



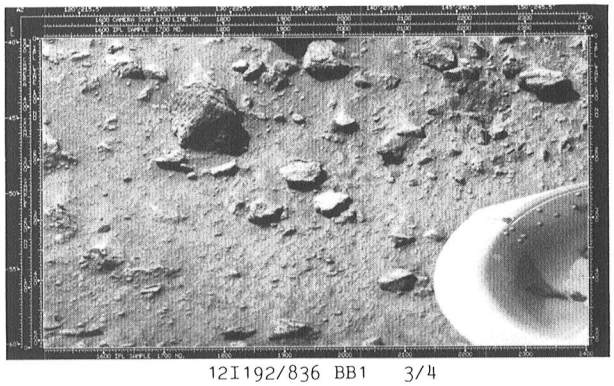
12I191/832 BLU 12I191/832 GRN 12I191/832 RED



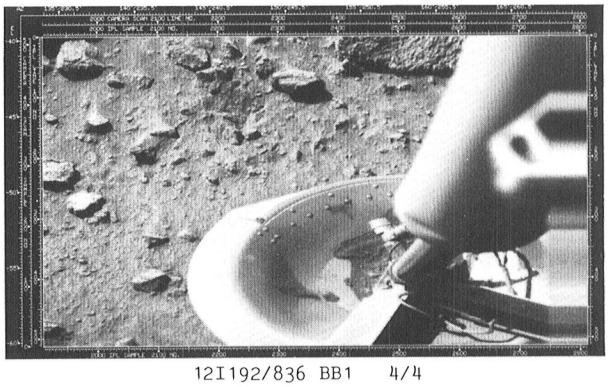
12I192/836 BB1 1/4



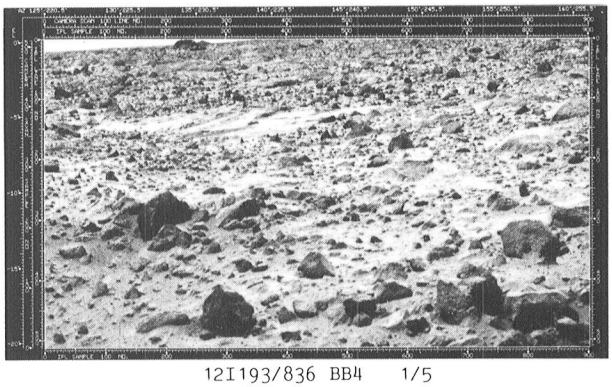
12I192/836 BB1 2/4



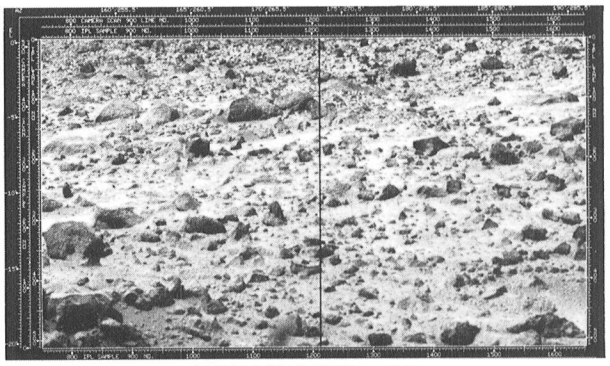
12I192/836 BB1 3/4



12I192/836 BB1 4/4



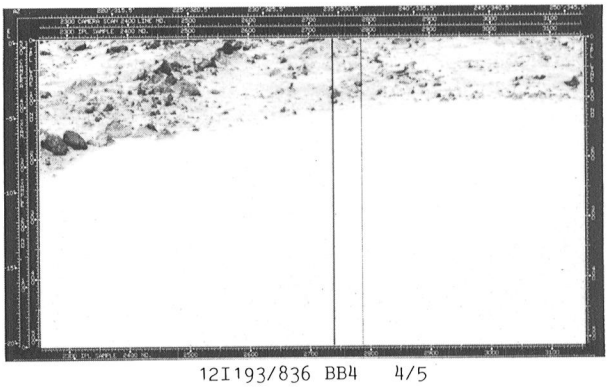
12I193/836 BB4 1/5



12I193/836 BB4 2/5

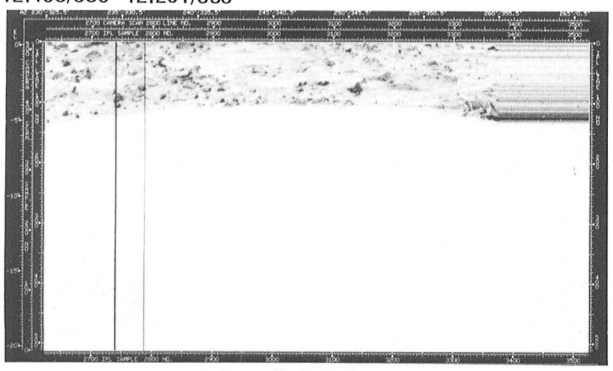


12I193/836 BB4 3/5

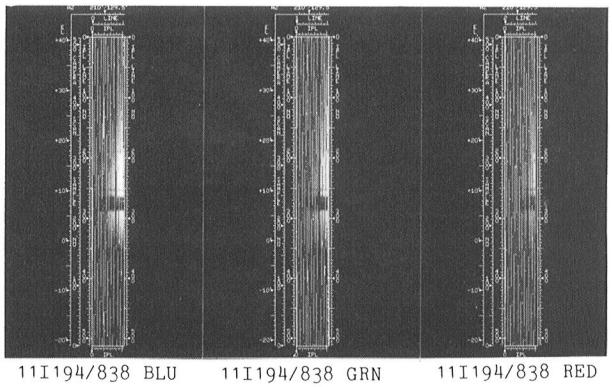


12I193/836 BB4 4/5

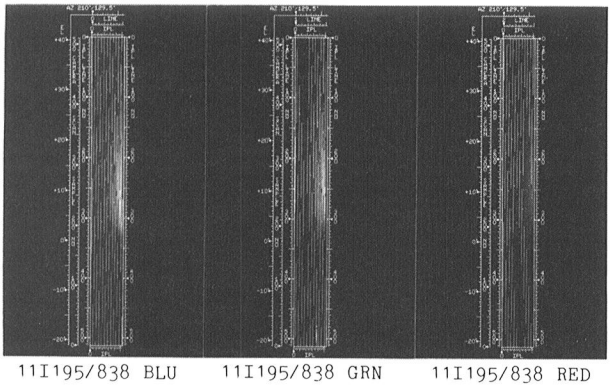
VL-I



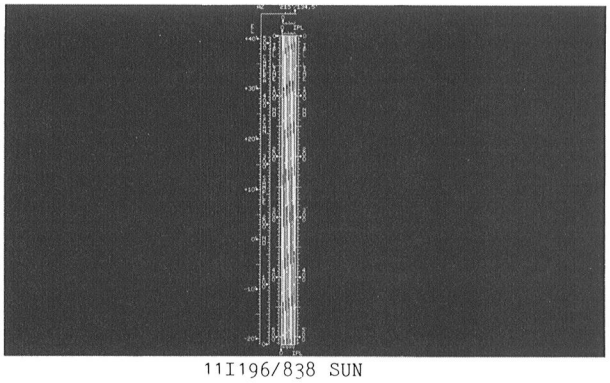
12I193/836 BB4 5/5



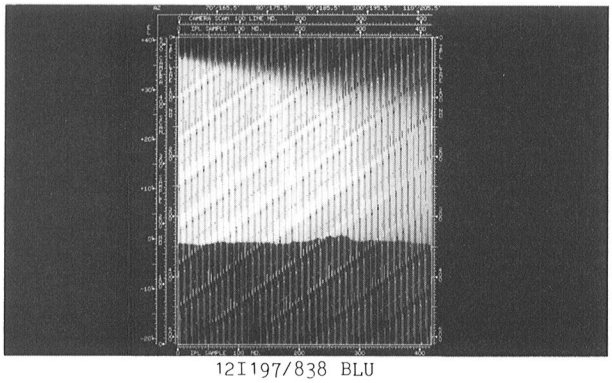
11I194/838 BLU 11I194/838 GRN 11I194/838 RED



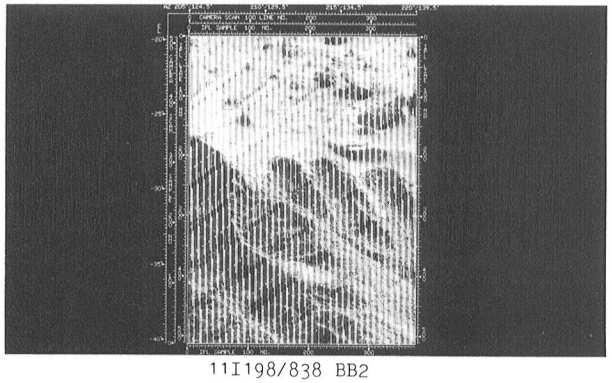
11I195/838 BLU 11I195/838 GRN 11I195/838 RED



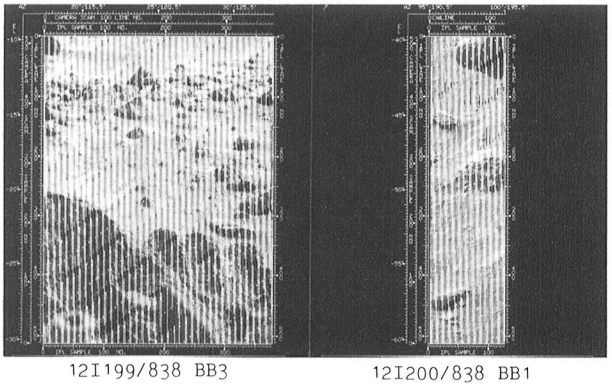
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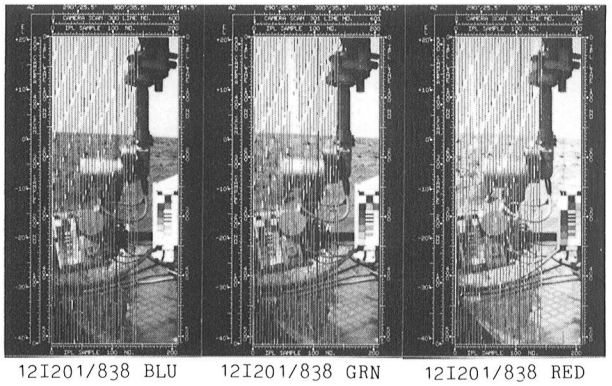
12I197/838 BLU



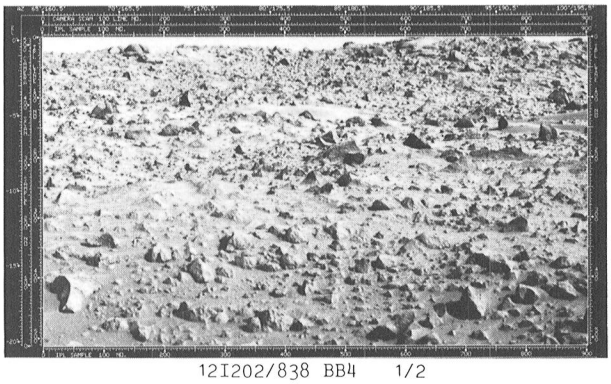
11I198/838 BB2



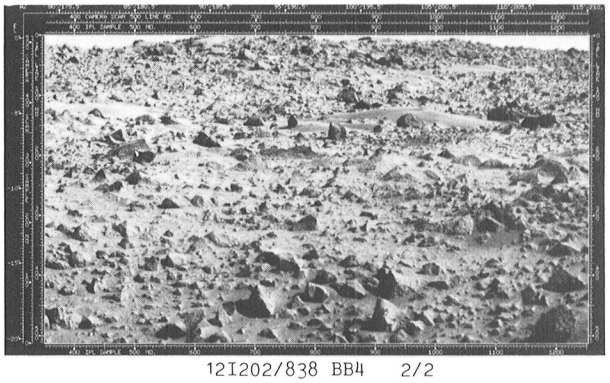
12I199/838 BB3 12I200/838 BB1



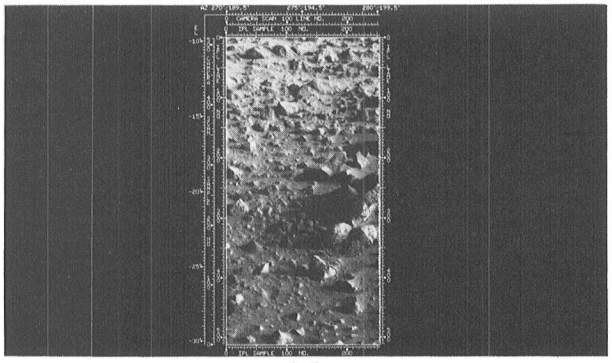
12I201/838 BLU 12I201/838 GRN 12I201/838 RED



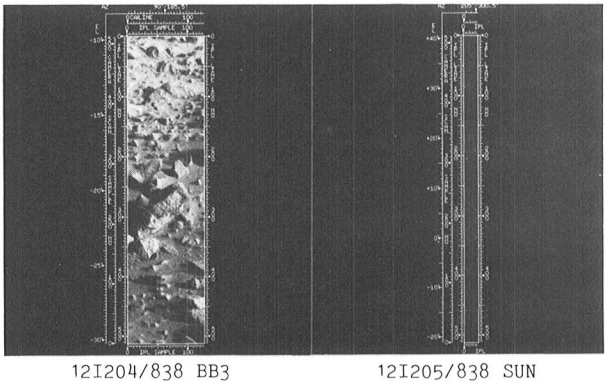
12I202/838 BB4 1/2



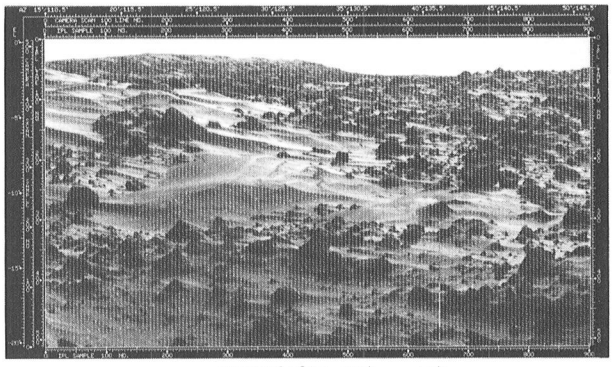
12I202/838 BB4 2/2



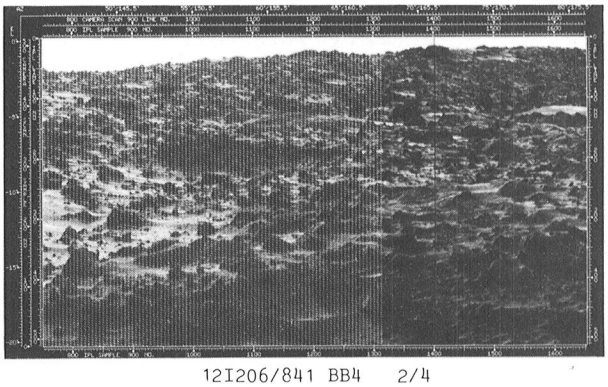
11I203/838 BB3



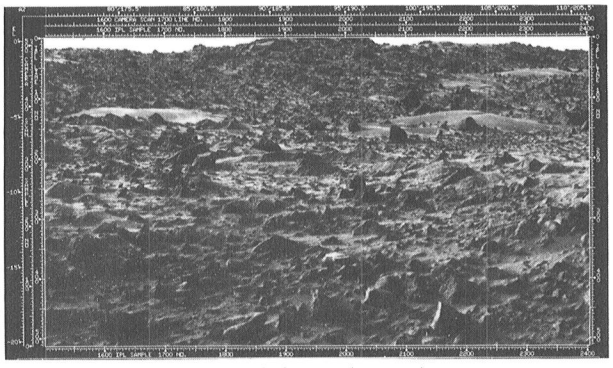
12I204/838 BB3 12I205/838 SUN



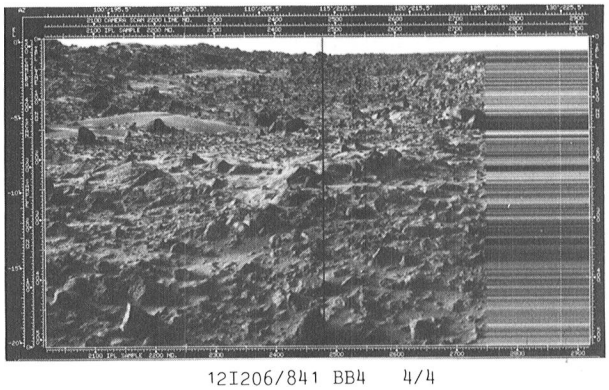
12I206/841 BB4 1/4



12I206/841 BB4 2/4

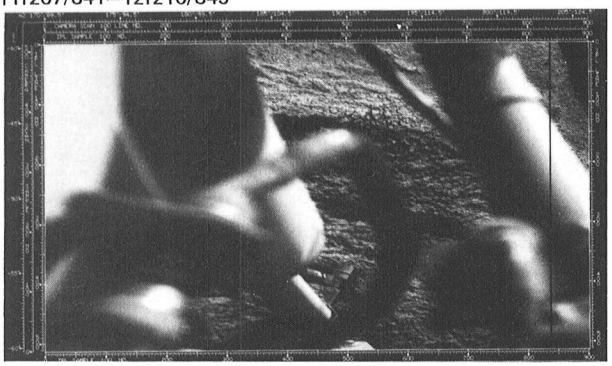


12I206/841 BB4 3/4

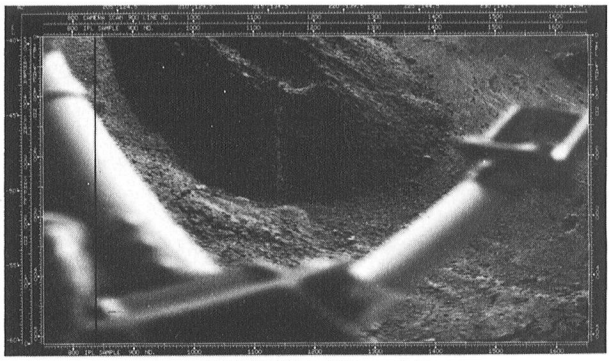


12I206/841 BB4 4/4

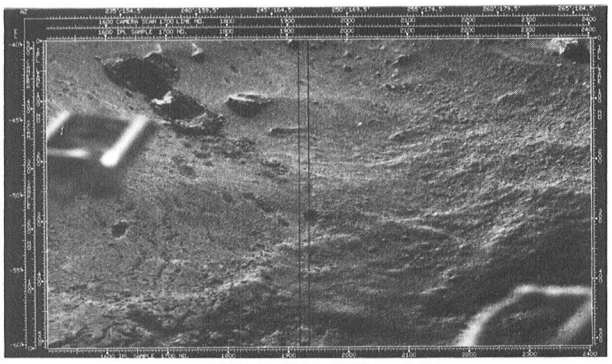
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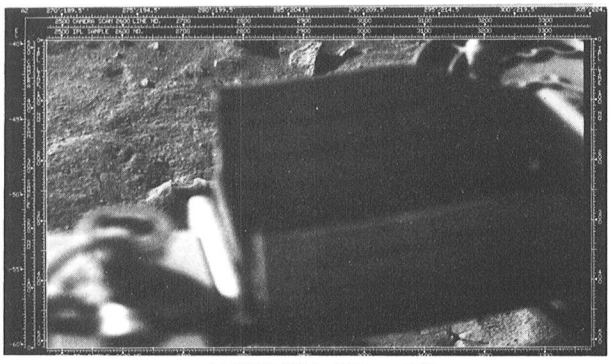
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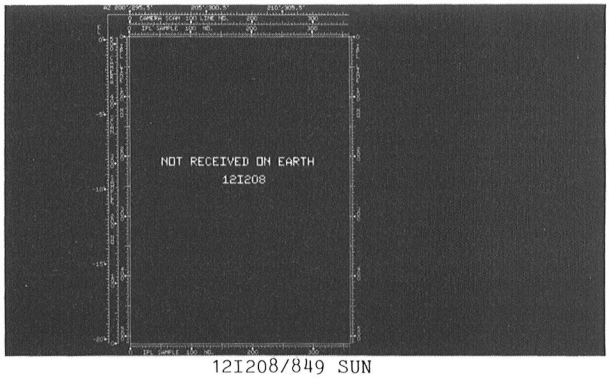
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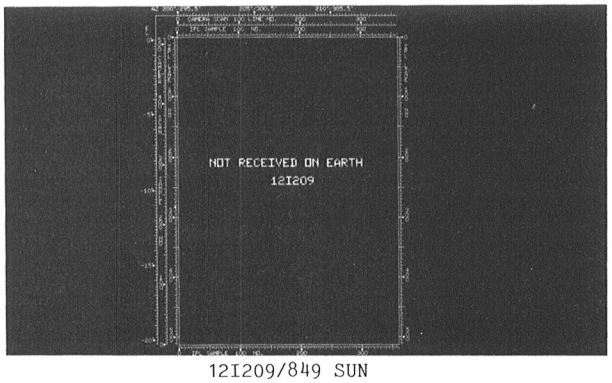
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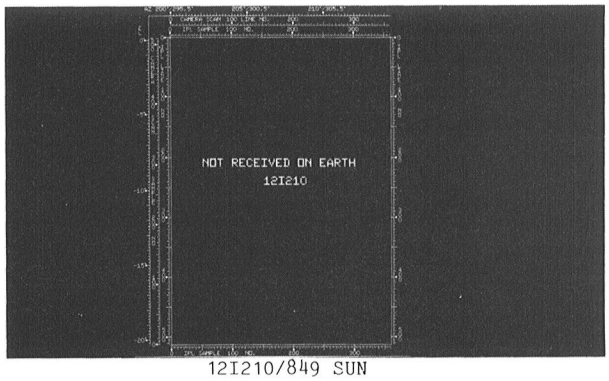
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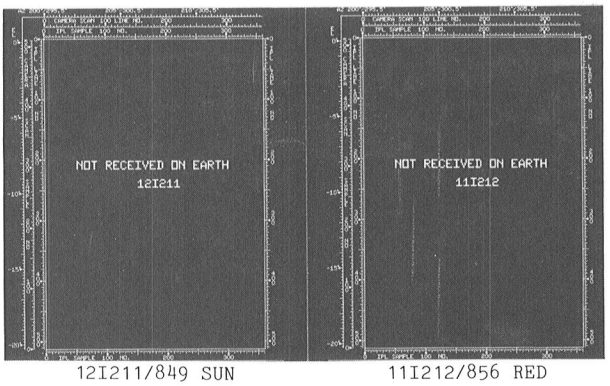
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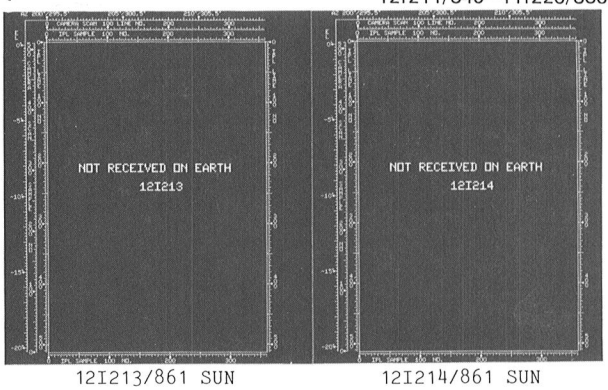
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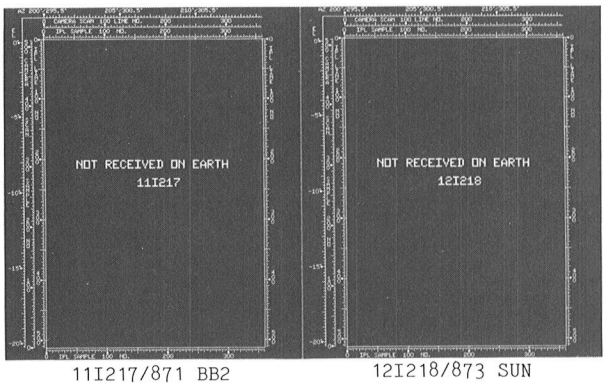
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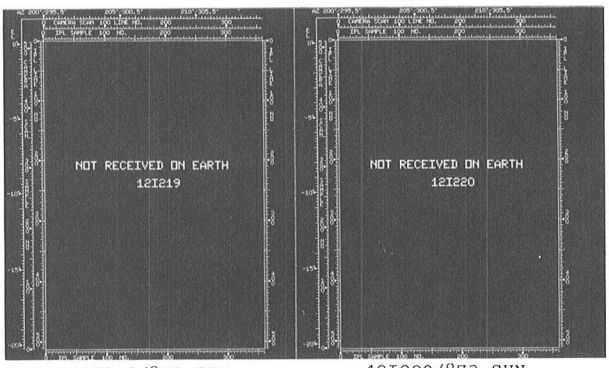
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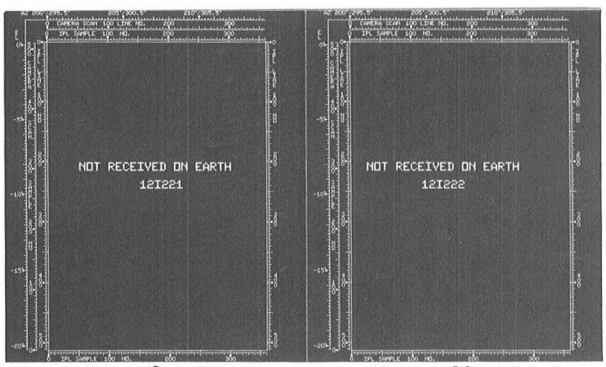
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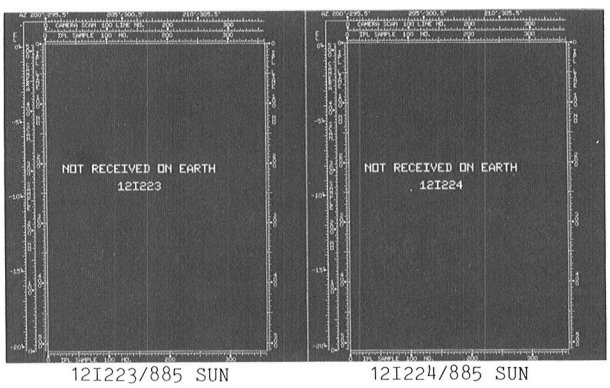
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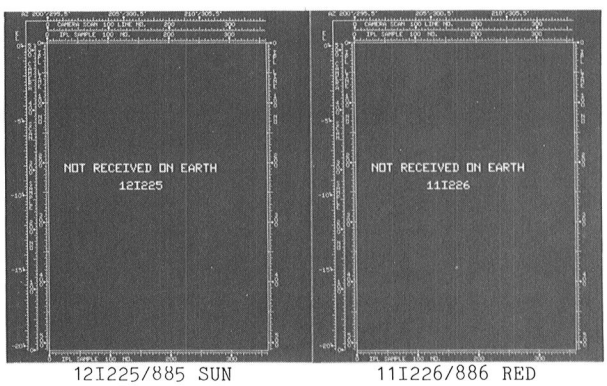
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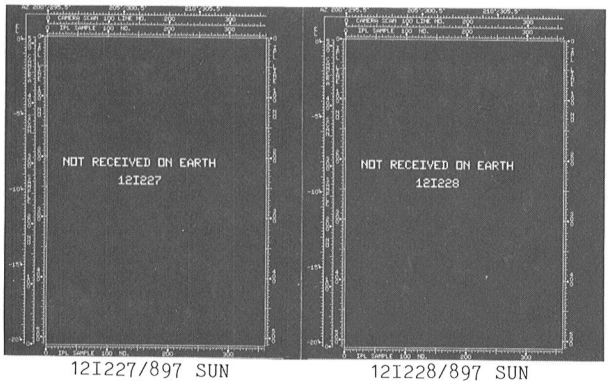


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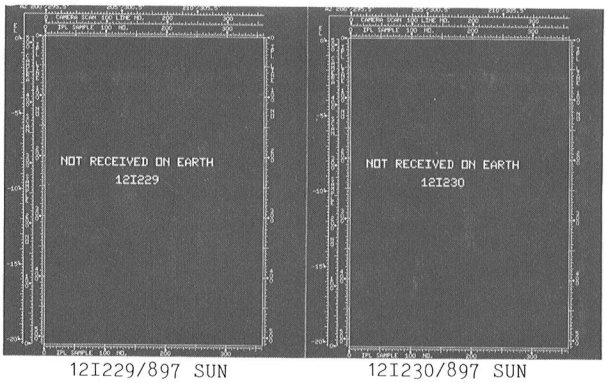


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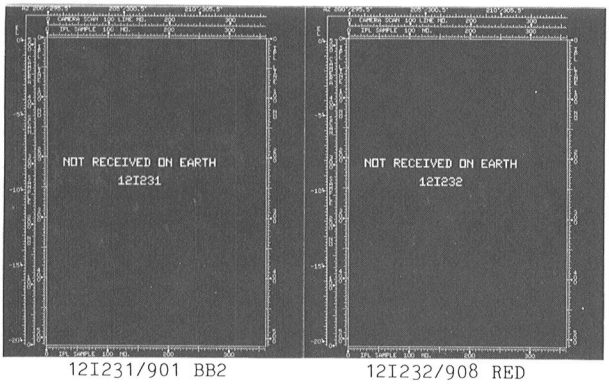
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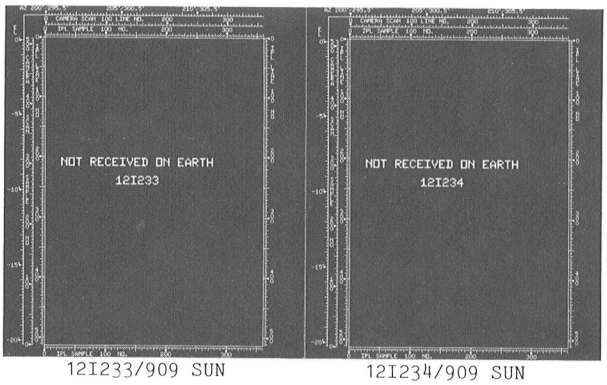
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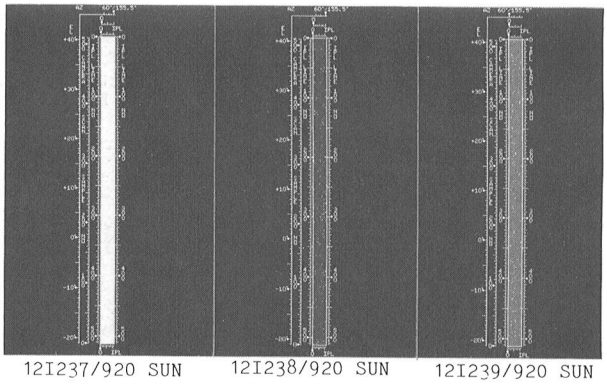
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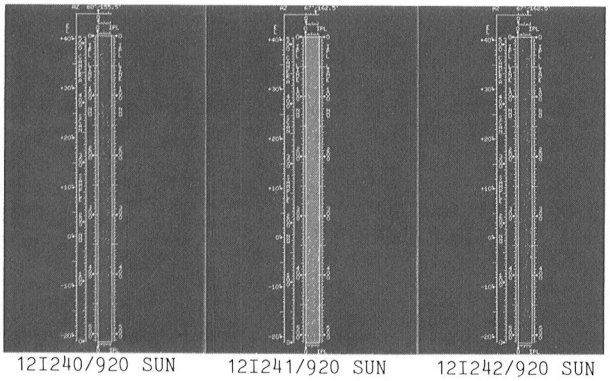
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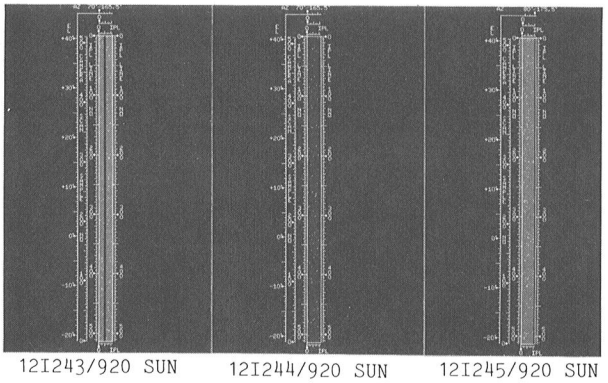
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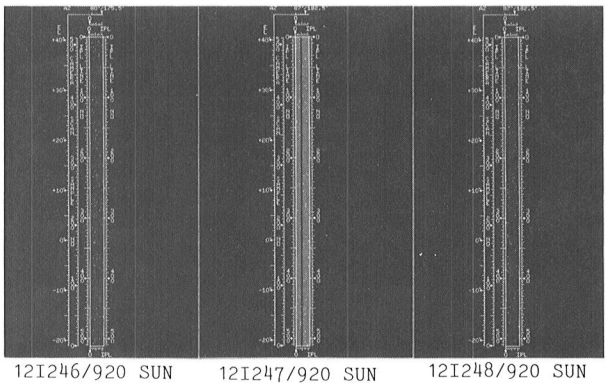
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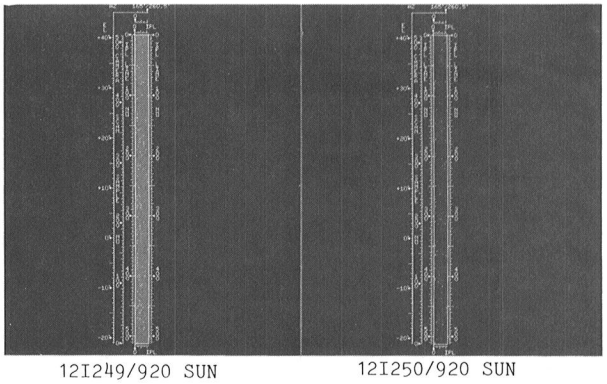
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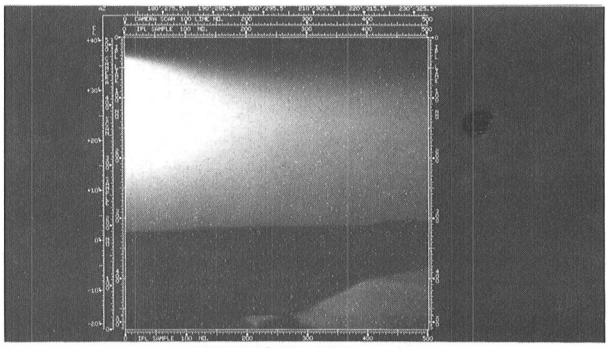
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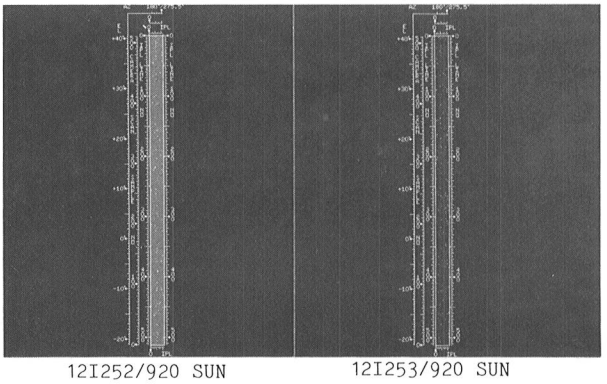
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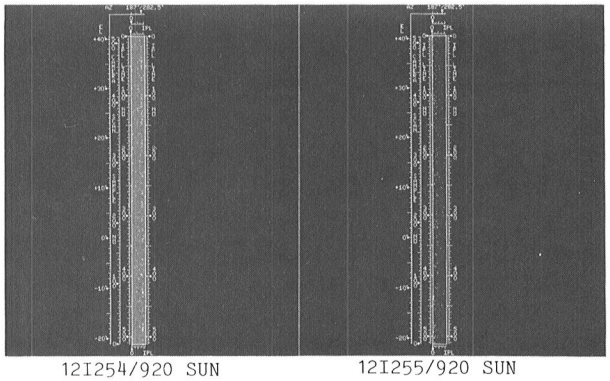
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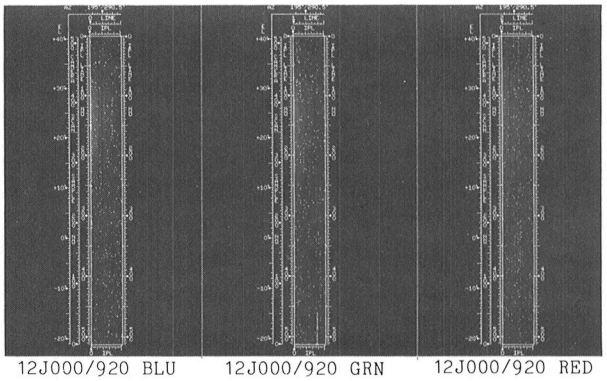
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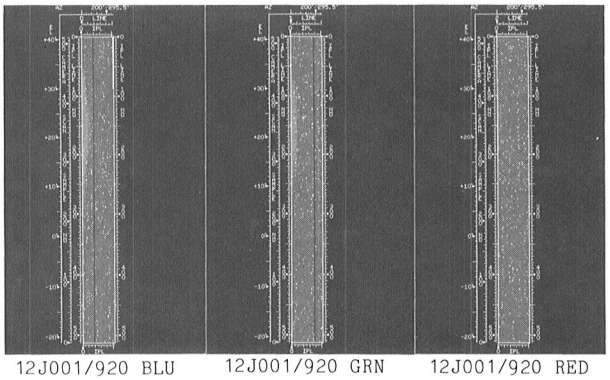
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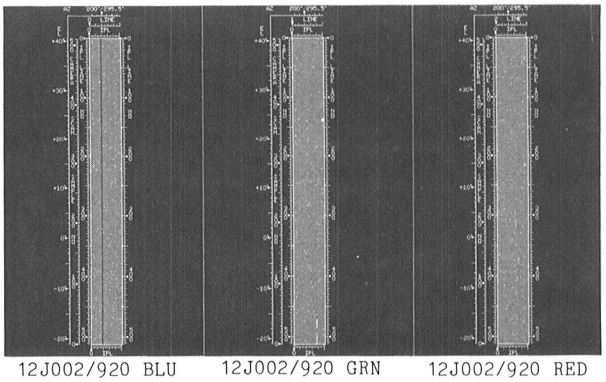
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12J000/920 BLU 12J000/920 GRN 12J000/920 RED

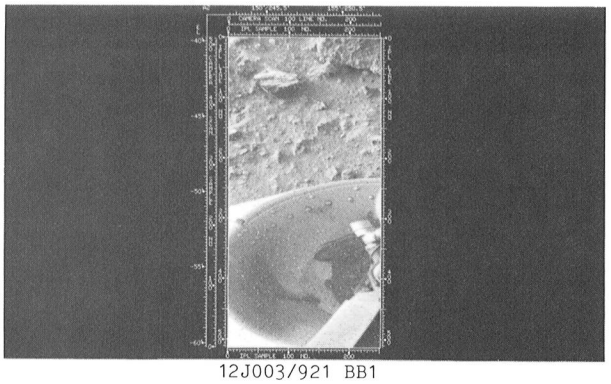


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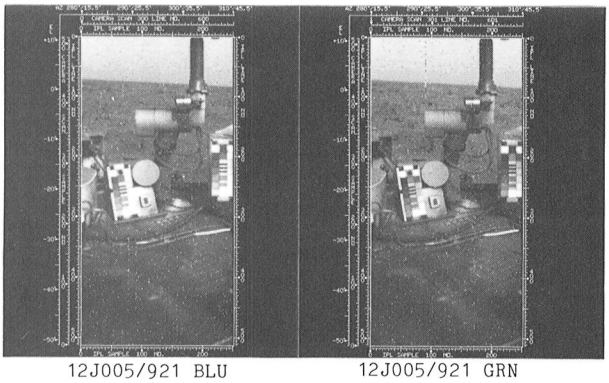
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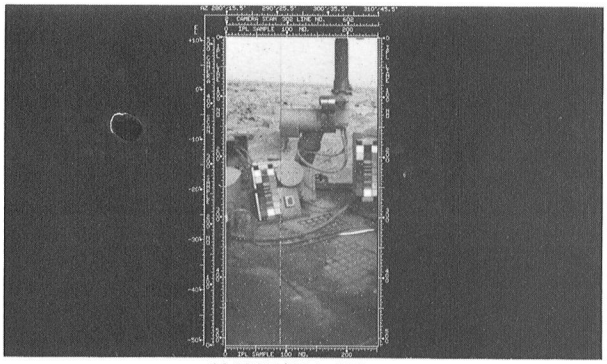
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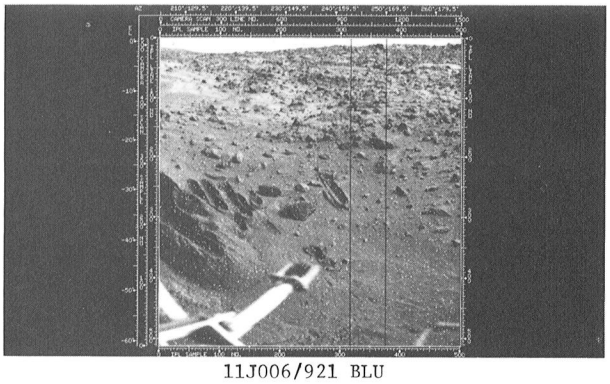
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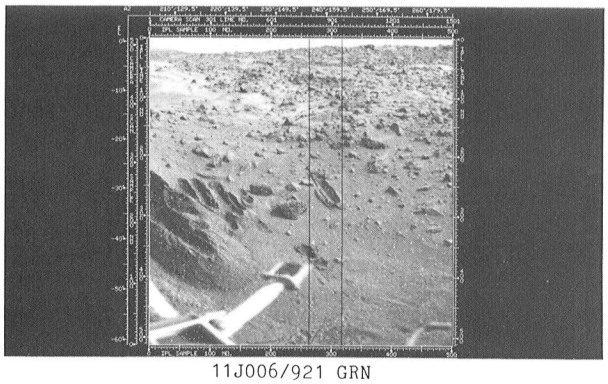
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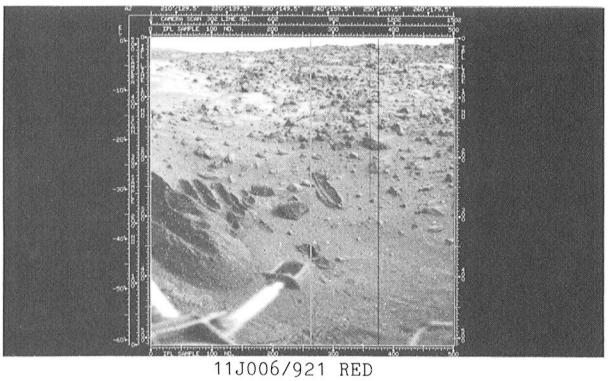
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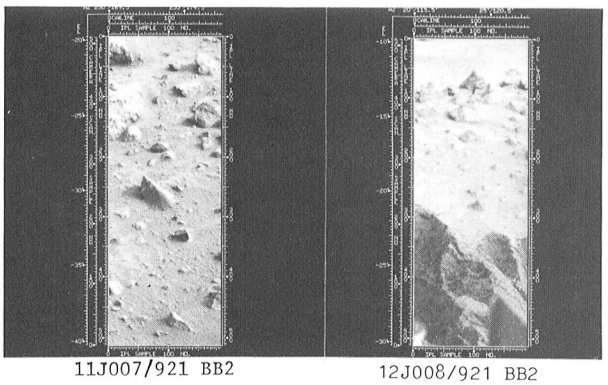
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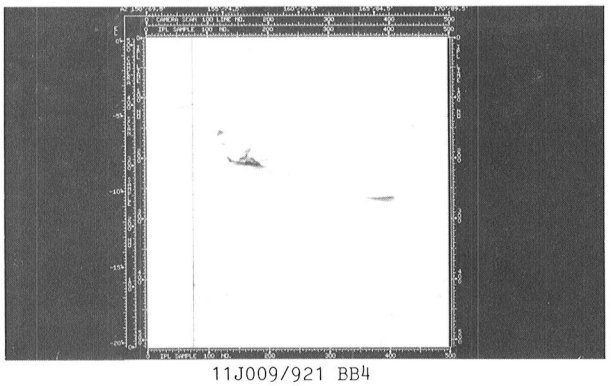
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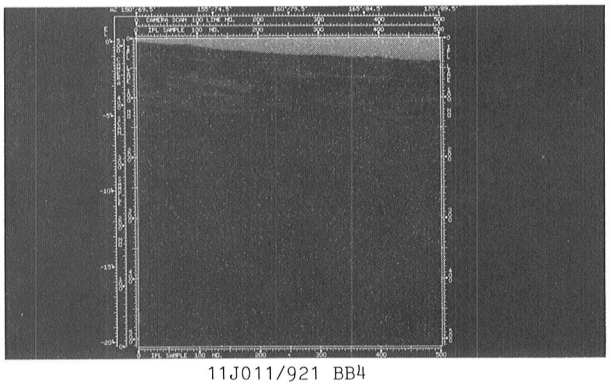
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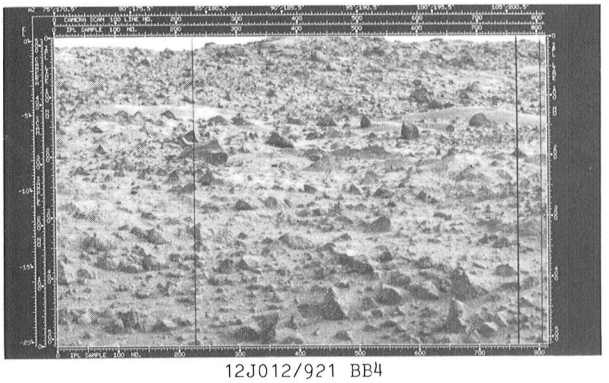
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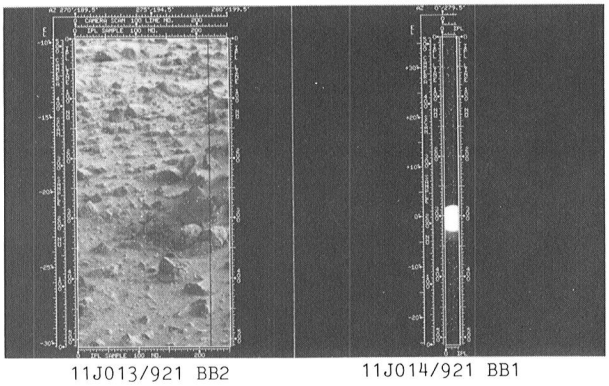
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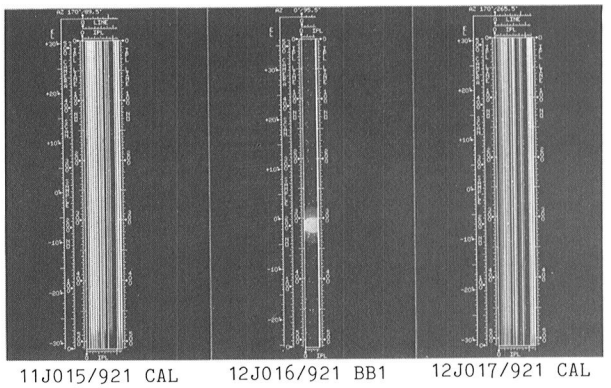


12J012/921 BB4



11J013/921 BB2

11J014/921 BB1



11J015/921 CAL

12J016/921 BB1

12J017/921 CAL

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2. Snyder, Conway W.: The Extended Mission of Viking. J. Geophys. Res., vol. 84, no. B14, Dec. 30, 1979, pp. 7917-7933.

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5. Wolf, Michael R.; Atwood, David L.; and Morrill, Michael E.: Viking Lander Camera Radiometry Calibration Report. Publ. No. 77-62, Vols. I and II (Contract NAS 7-100), Jet Propul. Lab., California Inst. Technol., Nov. 1, 1977. (Available as NASA CR-155537.)

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15. Supplementary Notes

Kenneth L. Jones, Mary Henshaw, Christe McMenomy, Andres Robles, Paul C. Scribner, and Jackson W. Wilson: Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California

16. Abstract

All the images returned by the two Viking landers during the extended and continuation automatic phases of the Viking Mission are presented in the two volumes of this reference publication. Volume I is for Viking Lander 1 and Volume II is for Viking Lander 2. Listings of supplemental information which describe the conditions under which the images were acquired are included together with skyline drawings which show where the images are positioned in the field of view of the cameras. Subsets of the images are listed in a variety of sequences to aid in locating images of interest. The format and organization of the digital magnetic tape storage of the images are described. A brief description of the mission and the camera system is also included.

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